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Metropolitan Housing Characteristics

LOWELL, MASS.-N.H.

STANDARD METROPOLITAN STATISTICAL AREA

1980

**Census of
Housing**

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1980

Census of Housing

VOLUME 2

Metropolitan Housing Characteristics

LOWELL, MASS.-N.H.

HC80-2-228

Issued October 1983



U.S. Department of Commerce
Malcolm Baldrige, Secretary
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Under Secretary for
Economic Affairs

BUREAU OF THE CENSUS
C. L. Kincannon, Acting Director

Data Index

For list of contents see page IX.

	Table
Value	1, 14, 25, 36, 47, 58
Gross Rent	2, 15, 26, 37, 48, 59
Income and Poverty Status in 1979 of Owner- Occupied Housing Units	3, 16, 27, 38, 49, 60
Income and Poverty Status in 1979 of Renter- Occupied Housing Units	4, 17, 28, 39, 50, 61
Selected Monthly Owner Costs for Mortgaged Housing Units	5, 18, 29, 40, 51, 62
Selected Monthly Owner Costs for Not Mortgaged Housing Units	6, 19, 30, 41, 52, 63
Year Structure Built	7, 20, 31, 42, 53, 64
Units in Structure	8, 21, 32, 43, 54, 65
Size of Household	9, 22, 33, 44, 55, 66
Household Composition and Age of Householder . . .	10, 23, 34, 45, 56, 67
One-Person Households	11, 24, 35, 46, 57, 68
Duration of Vacancy	12
Price Asked and Rent Asked	13

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HOUSING DIVISION
Arthur F. Young, Chief

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List of HC80-2, Metropolitan Housing Characteristics, Reports

Report No.	Area	Report No.	Area	Report No.	Area	Report No.	Area
1	U.S. Summary	41	Rhode Island	77	Atlanta, Ga.	114	Charleston-North Charleston, S.C.
2	Alabama	42	South Carolina	78	Atlantic City, N.J.	115	Charleston, W. Va.
3	Alaska	43	South Dakota	79	Augusta, Ga.-S.C.		
4	Arizona	44	Tennessee	80	Austin, Tex.	116	Charlotte-Gastonia, N.C.
5	Arkansas	45	Texas	81	Bakersfield, Calif.	117	Charlottesville, Va.
6	California	46	Utah	82	Baltimore, Md.	118	Chattanooga, Tenn.-Ga.
7	Colorado	47	Vermont	83	Bangor, Maine	119	Chicago, Ill.
8	Connecticut	48	Virginia	84	Baton Rouge, La.		
9	Delaware	49	Washington	85	Battle Creek, Mich.	120	Chico, Calif.
10	Not assigned	50	West Virginia	86	Bay City, Mich.	121	Cincinnati, Ohio-Ky.-Ind.
11	Florida	51	Wisconsin	87	Beaumont-Port Arthur-Orange, Tex.	122	Clarksville-Hopkinsville, Tenn.-Ky.
12	Georgia	52	Wyoming	88	Bellingham, Wash.	123	Cleveland, Ohio
13	Hawaii	53	Puerto Rico	89	Benton Harbor, Mich.	124	Colorado Springs, Colo.
14	Idaho	54	Not assigned	90	Billings, Mont.	125	Columbia, Mo.
15	Illinois	55	Not assigned				
16	Indiana	56	Not assigned	91	Biloxi-Gulfport, Miss.	126	Columbia, S.C.
17	Iowa	57	Not assigned	92	Binghamton, N.Y.-Pa.	127	Columbus, Ga.-Ala.
18	Kansas	58	Abilene, Tex.	93	Birmingham, Ala.	128	Columbus, Ohio
19	Kentucky	59	Akron, Ohio	94	Bismarck, N. Dak.	129	Corpus Christi, Tex.
20	Louisiana	60	Albany, Ga.	95	Bloomington, Ind.	130	Cumberland, Md.-W. Va.
21	Maine			96	Bloomington-Normal, Ill.	131	Dallas-Fort Worth, Tex.
22	Maryland	61	Albany-Schenectady-Troy, N.Y.	97	Boise City, Idaho	132	Danbury, Conn.
23	Massachusetts	62	Albuquerque, N. Mex.	98	Boston, Mass.	133	Danville, Va.
24	Michigan	63	Alexandria, La.	99	Bradenton, Fla.	134	Davenport-Rock Island-Moline, Iowa-Ill.
25	Minnesota	64	Allentown-Bethlehem-Easton, Pa.-N.J.	100	Bremerton, Wash.	135	Dayton, Ohio
26	Mississippi	65	Altoona, Pa.	101	Bridgeport, Conn.		
27	Missouri			102	Bristol, Conn.	136	Daytona Beach, Fla.
28	Montana	66	Amarillo, Tex.	103	Brockton, Mass.	137	Decatur, Ill.
29	Nebraska	67	Anaheim-Santa Ana-Garden Grove, Calif.	104	Brownsville-Harlingen-San Benito, Tex.	138	Denver-Boulder, Colo.
30	Nevada			105	Bryan-College Station, Tex.	139	Des Moines, Iowa
31	New Hampshire	68	Anchorage, Alaska			140	Detroit, Mich.
32	New Jersey	69	Anderson, Ind.	106	Buffalo, N.Y.	141	Dubuque, Iowa
33	New Mexico	70	Anderson, S.C.	107	Burlington, N.C.	142	Duluth-Superior, Minn. Wis.
34	New York			108	Burlington, Vt.		
35	North Carolina	71	Ann Arbor, Mich.	109	Caguas, P.R.	143	Eau Claire, Wis.
		72	Anniston, Ala.	110	Canton, Ohio	144	El Paso, Tex.
36	North Dakota	73	Appleton-Oshkosh, Wis.			145	Elkhart, Ind.
37	Ohio	74	Arecibo, P.R.	111	Casper, Wyo.		
38	Oklahoma	75	Asheville, N.C.	112	Cedar Rapids, Iowa	146	Elmira, N.Y.
39	Oregon			113	Champaign-Urbana-Rantoul, Ill.	147	Enid, Okla.
40	Pennsylvania	76	Athens, Ga.				

List of HC80-2, Metropolitan Housing Characteristics, Reports

Report No.	Area	Report No.	Area	Report No.	Area	Report No.	Area
148	Erie, Pa.	187	Indianapolis, Ind.	227	Louisville, Ky.-Ind.	265	Norfolk-Virginia Beach- Portsmouth, Va.-N.C.
149	Eugene-Springfield, Oreg.	188	Iowa City, Iowa	228	Lowell, Mass.-N.H.		
150	Evansville, Ind.-Ky.	189	Jackson, Mich.	229	Lubbock, Tex.		
		190	Jackson, Miss.	230	Lynchburg, Va.	266	Northeast Pennsylvania
151	Fall River, Mass.-R.I.					267	Norwalk, Conn.
152	Fargo-Moorhead, N. Dak.- Minn.	191	Jacksonville, Fla.	231	Macon, Ga.	268	Ocala, Fla.
153	Fayetteville, N.C.	192	Jacksonville, N.C.	232	Madison, Wis.	269	Odesa, Tex.
154	Fayetteville-Springdale, Ark.	193	Janesville-Beloit, Wis.	233	Manchester, N.H.	270	Oklahoma City, Okla.
155	Fitchburg-Leominster, Mass.	194	Jersey City, N.J.	234	Mansfield, Ohio		
		195	Johnson City-Kingsport- Bristol, Tenn.-Va.	235	Mayagüez, P.R.	271	Olympia, Wash.
156	Flint, Mich.	196	Johnstown, Pa.	236	McAllen-Pharr-Edinburg, Tex.	272	Omaha, Nebr.-Iowa
157	Florence, Ala.	197	Joplin, Mo.	237	Medford, Oreg.	273	Orlando, Fla.
158	Florence, S.C.	198	Kalamazoo-Portage, Mich.	238	Melbourne-Titusville- Cocoa, Fla.	274	Owensboro, Ky.
159	Fort Collins, Colo.	199	Kankakee, Ill.			275	Oxnard-Simi Valley- Ventura, Calif.
160	Fort Lauderdale-Hollywood, Fla.	200	Kansas City, Mo.-Kans.	239	Memphis, Tenn.-Ark.- Miss.	276	Panama City, Fla.
		201	Kenosha, Wis.	240	Meriden, Conn.	277	Parkersburg-Marietta, W. Va.-Ohio
161	Fort Myers-Cape Coral, Fla.	202	Killeen-Temple, Tex.			278	Pascagoula-Moss Point, Miss.
162	Fort Smith, Ark.-Okla.	203	Knoxville, Tenn.	241	Miami, Fla.	279	Paterson-Clifton-Passaic, N.J.
163	Fort Walton Beach, Fla.	204	Kokomo, Ind.	242	Midland, Tex.	280	Pensacola, Fla.
164	Fort Wayne, Ind.	205	La Crosse, Wis.	243	Milwaukee, Wis.		
165	Fresno, Calif.			244	Minneapolis-St. Paul, Minn.-Wis.	281	Peoria, Ill.
		206	Lafayette, La.	245	Mobile, Ala.	282	Petersburg-Colonial Heights-Hopewell, Va.
166	Gadsden, Ala.	207	Lafayette-West Lafayette, Ind.			283	Philadelphia, Pa.-N.J.
167	Gainesville, Fla.	208	Lake Charles, La.	246	Modesto, Calif.	284	Phoenix, Ariz.
168	Galveston-Texas City, Tex.	209	Lakeland-Winter Haven, Fla.	247	Monroe, La.	285	Pine Bluff, Ark.
169	Gary-Hammond-East Chicago, Ind.	210	Lancaster, Pa.	248	Montgomery, Ala.		
170	Glens Falls, N.Y.			249	Muncie, Ind.	286	Pittsburgh, Pa.
		211	Lansing-East Lansing, Mich.	250	Muskegon-Norton Shores- Muskegon Heights, Mich.	287	Pittsfield, Mass.
171	Grand Forks, N.Dak.- Minn.	212	Laredo, Tex.	251	Nashua, N.H.	288	Ponce, P.R.
172	Grand Rapids, Mich.	213	Las Cruces, N. Mex.	252	Nashville-Davidson, Tenn.	289	Portland, Maine
173	Great Falls, Mont.	214	Las Vegas, Nev.	253	Nassau-Suffolk, N.Y.	290	Portland, Oreg.-Wash.
174	Greeley, Colo.	215	Lawrence, Kans.	254	New Bedford, Mass.		
175	Green Bay, Wis.			255	New Britain, Conn.	291	Portsmouth-Dover- Rochester, N.H.-Maine
		216	Lawrence-Haverhill, Mass.-N.H.			292	Poughkeepsie, N.Y.
176	Greensboro-Winston-Salem- High Point, N.C.	217	Lawton, Okla.	256	New Brunswick-Perth Amboy-Sayreville, N.J.	293	Providence-Warwick- Pawtucket, R.I.-Mass.
177	Greenville-Spartanburg, S.C.	218	Lewiston-Auburn, Maine	257	New Haven-West Haven, Conn.	294	Provo-Orem, Utah
178	Hagerstown, Md.	219	Lexington-Fayette, Ky.	258	New London-Norwich, Conn.-R.I.	295	Pueblo, Colo.
179	Hamilton-Middletown, Ohio	220	Lima, Ohio				
180	Harrisburg, Pa.			259	New Orleans, La.	296	Racine, Wis.
		221	Lincoln, Nebr.	260	New York, N.Y.-N.J.	297	Raleigh-Durham, N.C.
181	Hartford, Conn.	222	Little Rock-North Little Rock, Ark.			298	Reading, Pa.
182	Hickory, N.C.	223	Long Branch-Asbury Park, N.J.	261	Newark, N.J.	299	Redding, Calif.
183	Honolulu, Hawaii			262	Newark, Ohio	300	Reno, Nev.
184	Houston, Tex.	224	Longview-Marshall, Tex.	263	Newburgh-Middletown, N.Y.		
185	Huntington-Ashland, W. Va.-Ky.-Ohio	225	Lorain-Elyria, Ohio	264	Newport News-Hampton, Va.	301	Richland-Kennewick- Pasco, Wash.
						302	Richmond, Va.
186	Huntsville, Ala.	226	Los Angeles-Long Beach, Calif.			303	Riverside-San Bernardino- Ontario, Calif.

List of HC80-2, Metropolitan Housing Characteristics, Reports

Report No.	Area	Report No.	Area	Report No.	Area	Report No.	Area
304	Roanoke, Va.	323	San Juan, P.R.	343	State College, Pa.	362	Vineland-Millville-Bridgeton, N.J.
305	Rochester, Minn.	324	Santa Barbara-Santa Maria-Lompoc, Calif.	344	Steubenville-Weirton, Ohio-W. Va.	363	Visalia-Tulare-Porterville, Calif.
306	Rochester, N.Y.	325	Santa Cruz, Calif.	345	Stockton, Calif.	364	Waco, Tex.
307	Rockford, Ill.					365	Washington, D.C.-Md.-Va.
308	Rock Hill, S.C.	326	Santa Rosa, Calif.	346	Syracuse, N.Y.		
309	Sacramento, Calif.	327	Sarasota, Fla.	347	Tacoma, Wash.	366	Waterbury, Conn.
310	Saginaw, Mich.	328	Savannah, Ga.	348	Tallahassee, Fla.	367	Waterloo-Cedar Falls, Iowa
		329	Seattle-Everett, Wash.	349	Tampa-St. Petersburg, Fla.	368	Wausau, Wis.
311	St. Cloud, Minn.	330	Sharon, Pa.	350	Terre Haute, Ind.	369	West Palm Beach-Boca Raton, Fla.
312	St. Joseph, Mo.					370	Wheeling, W. Va.-Ohio
313	St. Louis, Mo.-Ill.	331	Sheboygan, Wis.	351	Texarkana, Tex.-Texarkana, Ark.		
314	Salem, Oreg.	332	Sherman-Denison, Tex.	352	Toledo, Ohio-Mich.	371	Wichita, Kans.
315	Salinas-Seaside-Monterey, Calif.	333	Shreveport, La.	353	Topeka, Kans.	372	Wichita Falls, Tex.
		334	Sioux City, Iowa-Nebr.	354	Trenton, N.J.	373	Williamsport, Pa.
		335	Sioux Falls, S. Dak.	355	Tucson, Ariz.	374	Wilmington, Del.-N.J.-Md.
316	Salisbury-Concord, N.C.					375	Wilmington, N.C.
317	Salt Lake City-Ogden, Utah	336	South Bend, Ind.	356	Tulsa, Okla.		
318	San Angelo, Tex.	337	Spokane, Wash.	357	Tuscaloosa, Ala.	376	Worcester, Mass.
319	San Antonio, Tex.	338	Springfield, Ill.	358	Tyler, Tex.	377	Yakima, Wash.
320	San Diego, Calif.	339	Springfield, Mo.	359	Utica-Rome, N.Y.	378	York, Pa.
		340	Springfield, Ohio	360	Vallejo-Fairfield-Napa, Calif.	379	Youngstown-Warren, Ohio
321	San Francisco-Oakland, Calif.	341	Springfield-Chicopee-Holyoke, Mass.-Conn.			380	Yuba City, Calif.
322	San Jose, Calif.	342	Stamford, Conn.	361	Victoria, Tex.		

APPENDIXES

A. Area Classifications	A-1
B. Definitions and Explanations of Subject Characteristics	B-1
C. General Enumeration and Processing Procedures	C-1
D. Accuracy of the Data	D-1
E. Facsimiles of Respondent Instructions and Questionnaire Pages	E-1
F. Publication and Computer Tape Program	F-1

Introduction

GENERAL	VII
CONTENTS OF THE REPORT	VII
DERIVED FIGURES (Means, Medians, and Percents)	VIII
SYMBOLS AND GEOGRAPHIC ABBREVIATIONS	VIII
SUPPRESSION OF DATA FOR CONFIDENTIALITY	VIII

GENERAL

This report is part of the *Metropolitan Housing Characteristics* series and presents cross-tabulations of sample data on housing and household characteristics from the 1980 Census of Population and Housing. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 data and the 1970 data. Further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

The *Metropolitan Housing Characteristics* series consists of a United States

Summary report and individual reports for each of the 50 States, Puerto Rico, and each of the standard metropolitan statistical areas (SMSA's) in the United States and Puerto Rico. The abbreviated identification for this report is HC80-2 (i.e., Housing Census, 1980, Volume 2) followed by a number representing the State or SMSA.

In the SMSA reports, data are published for the following levels of geography: the SMSA, each central city, and each place of 50,000 or more population. In the State reports, data are shown for the State, that part of the State inside SMSA's, and inside central cities. In the United States Summary report, data are published for the United States total, inside SMSA's, and inside central cities, and for the four census regions, the region total, inside SMSA's, and inside central cities.

CONTENTS OF THE REPORT

This report contains text (this introduction and six appendixes), a table of contents, one or more maps, and a series of detailed tables. The detailed tables are organized to provide a set of 68 tables for each geographic area (State, SMSA, central city, etc.) covered in the report. As shown in the "Index of Tables" on page IX, the set of tables for each geographic area is identified with a unique letter (A, B, C, etc.) prefix in the table number. In the SMSA reports, the SMSA is presented first, followed by the sets of tables for the central cities and places, all in alphabetical order.

For each particular area, the 68 tables consist of: 13 tables for the area in its entirety, 44 tables for occupied housing units classified by the racial group of the householder, and 11 tables for occupied housing units with householders of Spanish origin. More specifically, tables

1 to 13 are for the entire State, SMSA, central city, or place; tables 14 to 24 are for housing units with a White householder; tables 25 to 35 are for units with a Black householder; tables 36 to 46 are for units with an American Indian, Eskimo, or Aleut householder; tables 47 to 57 are for units with an Asian or Pacific Islander householder; and tables 58 to 68 are for units with a Spanish origin householder.

The race and Spanish origin tables are presented for SMSA's and places only when certain population-size criteria are met. Tables 25 to 35 (Black); 36 to 46 (American Indian, Eskimo, and Aleut); and 47 to 57 (Asian and Pacific Islander) are presented only when the particular area's population contains 10,000 or more persons of the given racial group or when the persons in the given racial groups constitute 10 percent or more of the total population of the particular area. If any of these 3 sets of tables qualify to appear for an area, tables 14 to 24 (White) are also presented. The Spanish origin tables (58 to 68) are shown if there are 10,000 or more Spanish origin persons in the particular area or if such persons constitute 10 percent or more of the total population of the particular area.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., standard metropolitan statistical area, census designated place). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data and on editing procedures. Appendix E contains facsimiles of the 1980 census questionnaire pages and respondent instructions. Appendix F summarizes the data dissemination program of the 1980 census.

DERIVED FIGURES (Means, Medians, and Percents)

This report presents means, medians, and percents, as well as certain rates and ratios. The median—a type of average—is the middle value in a distribution; i.e., the median divides the distribution into two equal parts: one-half of the cases are below the median and one-half of the cases are above the median. Percents and other derived measures which round to less than 0.1 are not shown but are indicated as zero (i.e., “—”).

Medians for rooms are rounded to the nearest tenth; for age, to the nearest year; for persons, to the nearest hundredth; for value, to the nearest hundred dollars; and for income, selected monthly owner costs, contract and gross rent, to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category “3 rooms” is treated as an interval ranging from 2.5 to 3.5 rooms. In computing median rent, units reported as “no cash rent” are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. For example, median age is based on a distribution of five year intervals from 15 to 85 years. When the median falls in the lower terminal category of an open-ended distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category “Less than \$10,000,” it is shown as “\$10,000—.” When the median falls in the upper terminal category of an open-

ended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category “\$150,000 or more,” it is shown as “\$150,000+.”

SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash “—” represents zero or a percent which rounds to less than 0.1.
- Three dots “. . .” mean not applicable, or that the data are being withheld to avoid disclosure of information for individual housing units. (For further information on disclosure, see the section below on “Suppression of Data for Confidentiality.”)
- CDP is census designated place.
- SMSA is standard metropolitan statistical area.

SUPPRESSION OF DATA FOR CONFIDENTIALITY

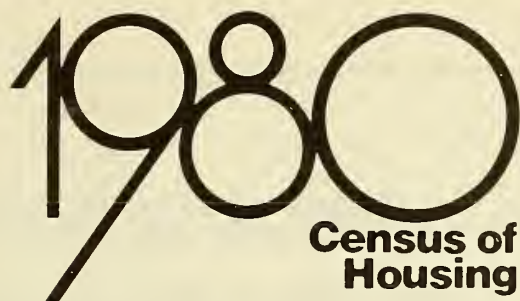
To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

The general rules of primary suppression of sample data are as follows: esti-

mates of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100-percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires that the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owner-occupied or renter-occupied housing units is less than 10.



Metropolitan Housing Characteristics

LOWELL, MASS.-N.H.

STANDARD METROPOLITAN STATISTICAL AREA

HC80-2-228

Contents

Arrangement of Tables

This report presents a set of tables for the SMSA, each central city, and each place of 50,000 inhabitants or more. The report is organized to provide a set of 68 tables for each geographic area. There are 11 tables showing data for all households in the area, 2 tables showing data for vacant units, 11 tables for householders of each of four separate race groups, and 11 tables for householders of Spanish origin. The race/Spanish origin tables are, however, shown only when certain population criteria are met. See page VII of the Introduction for further information. To assist the reader in using this report, the listings are presented as follows:

	Page
Index of Tables —shows the pages on which the tables for each geographic area appear and the pages on which data for the various race/Spanish origin householders appear	IX
List of Tables —shows the table numbers and titles for each of the 68 tables	X
Table Finding Guide —shows the tables in which the various subject cross-classifications presented in the report appear	XII
Map —Standard Metropolitan Statistical Areas, Counties, and Selected Places	XIV

INDEX OF TABLES

Tables for the total SMSA have the prefix letter "A"; tables for central cities and places of 50,000 inhabitants or more, in alphabetical order, have the prefix letter "B," "C," etc.

Area	Prefix letter	Tables 1-13	Tables 14-24	Tables 25-35	Tables 36-46	Tables 47-57	Tables 58-68
		Total	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Spanish Origin
		Pages	Pages	Pages	Pages	Pages	Pages
SMSA total	A	1 to 12	—	—	—	—	—
Lowell	B	13 to 24	—	—	—	—	—

LIST OF TABLES

(Tables 14 to 24 for the White population are shown if any of the other three racial groups in the area qualify; tables 25 to 35 are shown if an area has 10,000 or more or 10 percent Black population; tables 36 to 46 are shown if an area has 10,000 or more or 10 percent American Indian, Eskimo, and Aleut population; tables 47 to 57 are shown if an area has 10,000 or more or 10 percent Asian and Pacific Islander population; and tables 58 to 68 are shown if an area has 10,000 or more or 10 percent Spanish origin population)

TABLES

1. Value of Owner-Occupied Housing Units: 1980
2. Gross Rent of Renter-Occupied Housing Units: 1980
3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980
4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980
5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980
6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980
7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980
8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980
9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980
10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980
11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980
12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980
13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980
14. Value of Owner-Occupied Housing Units With a White Householder: 1980
15. Gross Rent of Renter-Occupied Housing Units With a White Householder: 1980
16. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With a White Householder: 1980
17. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With a White Householder: 1980

TABLES

18. Selected Monthly Owner Costs for Mortgaged Housing Units With a White Householder: 1980
19. Selected Monthly Owner Costs for Not Mortgaged Housing Units With a White Householder: 1980
20. Year Structure Built for Owner- and Renter-Occupied Housing Units With a White Householder: 1980
21. Units in Structure for Owner- and Renter-Occupied Housing Units With a White Householder: 1980
22. Owner- and Renter-Occupied Housing Units With a White Householder by Size of Household: 1980
23. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With a White Householder: 1980
24. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With a White Householder: 1980
25. Value of Owner-Occupied Housing Units With a Black Householder: 1980
26. Gross Rent of Renter-Occupied Housing Units With a Black Householder: 1980
27. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With a Black Householder: 1980
28. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With a Black Householder: 1980
29. Selected Monthly Owner Costs for Mortgaged Housing Units With a Black Householder: 1980
30. Selected Monthly Owner Costs for Not Mortgaged Housing Units With a Black Householder: 1980
31. Year Structure Built for Owner- and Renter-Occupied Housing Units With a Black Householder: 1980
32. Units in Structure for Owner- and Renter-Occupied Housing Units With a Black Householder: 1980
33. Owner- and Renter-Occupied Housing Units With a Black Householder by Size of Household: 1980
34. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With a Black Householder: 1980
35. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With a Black Householder: 1980

TABLES

36. Value of Owner-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
37. Gross Rent of Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
38. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
39. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
40. Selected Monthly Owner Costs for Mortgaged Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
41. Selected Monthly Owner Costs for Not Mortgaged Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
42. Year Structure Built for Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
43. Units in Structure for Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
44. Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder by Size of Household: 1980
45. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
46. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
47. Value of Owner-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
48. Gross Rent of Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
49. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
50. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
51. Selected Monthly Owner Costs for Mortgaged Housing Units With an Asian or Pacific Islander Householder: 1980

TABLES

52. Selected Monthly Owner Costs for Not Mortgaged Housing Units With an Asian or Pacific Islander Householder: 1980
53. Year Structure Built for Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
54. Units in Structure for Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
55. Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder by Size of Household: 1980
56. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
57. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
58. Value of Owner-Occupied Housing Units With a Spanish Origin Householder: 1980
59. Gross Rent of Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
60. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With a Spanish Origin Householder: 1980
61. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
62. Selected Monthly Owner Costs for Mortgaged Housing Units With a Spanish Origin Householder: 1980
63. Selected Monthly Owner Costs for Not Mortgaged Housing Units With a Spanish Origin Householder: 1980
64. Year Structure Built for Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
65. Units in Structure for Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
66. Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder by Size of Household: 1980
67. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
68. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder: 1980

Table Finding Guide— Cross-Classification of Subjects by Table Number

Subject	Value	Gross rent	Income and poverty status in 1979 of owner-occupied housing units	Income and poverty status in 1979 of renter-occupied housing units	Selected monthly owner costs for mortgaged housing units	Selected monthly owner costs for not mortgaged housing units
OCCUPANCY CHARACTERISTICS						
Condominium	—	—	—	—	—	—
Year moved into unit.	1	2	3	4	5	6
UTILIZATION CHARACTERISTICS						
Rooms	1	2	—	—	5	6
Persons in unit.	—	—	—	—	5	6
Bedrooms	1	2	—	—	—	—
Median rooms	1	2	3	4	5	6
STRUCTURAL CHARACTERISTICS						
Units in structure	—	2	—	—	—	—
Year structure built.	1	2	—	—	5	6
Stories in structure	—	2	—	—	—	—
PLUMBING CHARACTERISTICS						
Plumbing facilities	1	2	3	4	—	—
EQUIPMENT AND FUELS						
Heating equipment	1	2	3	4	5	6
Air conditioning.	1	2	3	4	5	6
Vehicles available	—	—	3	4	—	—
House heating fuel	—	—	3	4	5	6
Water heating fuel.	—	—	—	—	—	—
FINANCIAL CHARACTERISTICS						
Value	—	—	—	—	5	6
Price asked.	—	—	—	—	—	—
Mortgage status and selected monthly owner costs	—	—	3	—	—	—
Selected monthly owner costs as percentage of household income.	—	—	—	—	5	6
Contract rent	—	—	—	4	—	—
Gross rent	—	—	—	4	—	—
Rent asked.	—	—	—	—	—	—
Gross rent as percentage of household income.	—	2	—	4	—	—
Mortgage status and selected monthly owner costs as percentage of household income.	1	—	3	—	—	—
HOUSEHOLD CHARACTERISTICS						
Household type by age of householder	1	2	3	4	5	6
Income	1	—	—	—	—	—
Income below poverty level	1	2	—	—	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White	14	15	16	17	18	19
Black	25	26	27	28	29	30
American Indian, Eskimo, and Aleut	36	37	38	39	40	41
Asian and Pacific Islander	47	48	49	50	51	52
Spanish origin	58	59	60	61	62	63

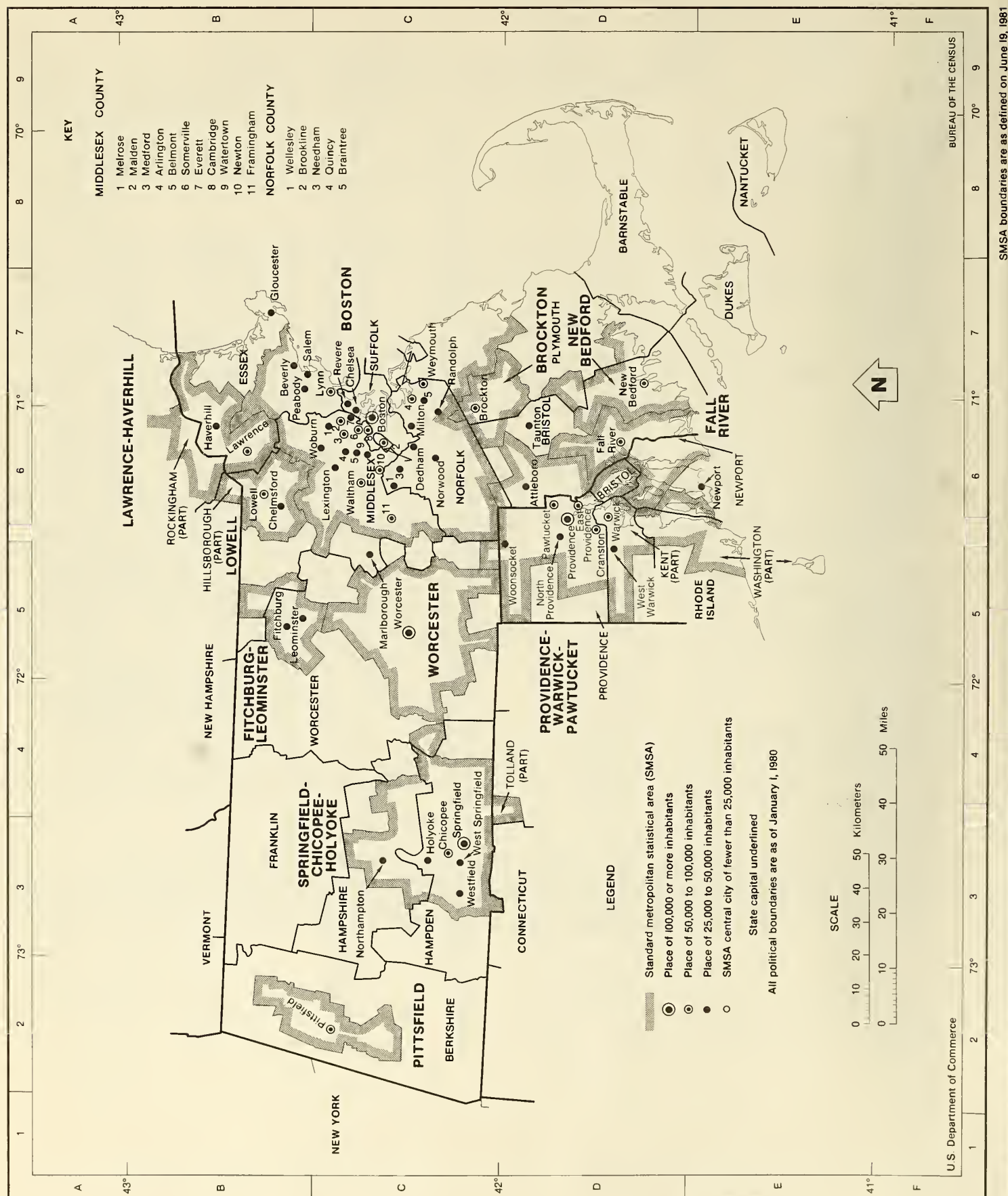
Table Finding Guide—Cross-Classification of Subjects by Table Number

Subject	Year structure built	Units in structure	Size of household (persons)	Household composition by age of householder	Age and sex of householder in one-person households	Duration of vacancy	Price asked and rent asked
OCCUPANCY CHARACTERISTICS							
Condominium	—	8	—	—	—	—	—
Year moved into unit.	7	8	—	—	—	—	—
UTILIZATION CHARACTERISTICS							
Rooms	7	8	9	—	—	12	—
Persons in unit.	7	—	—	10	—	—	—
Bedrooms	—	8	—	—	—	12	13
Median rooms	7	8	9	—	—	12	—
STRUCTURAL CHARACTERISTICS							
Units in structure	7	—	9	—	11	12	13
Year structure built.	—	—	—	—	—	12	13
Stories in structure	—	—	—	—	—	—	—
PLUMBING CHARACTERISTICS							
Plumbing facilities	7	8	9	10	11	12	13
EQUIPMENT AND FUELS							
Heating equipment	7	8	—	—	—	12	—
Air conditioning.	7	8	—	—	—	—	—
Vehicles available	—	8	—	—	—	—	—
House heating fuel	7	8	—	—	—	—	—
Water heating fuel.	—	8	—	—	—	—	—
FINANCIAL CHARACTERISTICS							
Value	—	—	9	—	—	—	—
Price asked.	—	—	—	—	—	12	—
Mortgage status and selected monthly owner costs	—	—	—	—	11	—	—
Selected monthly owner costs as percentage of household income.	—	—	9	—	11	—	—
Contract rent	—	—	—	—	—	—	—
Gross rent	—	—	9	—	11	—	—
Rent asked.	—	—	—	—	—	12	—
Gross rent as percentage of household income	—	—	9	10	11	—	—
Mortgage status and selected monthly owner costs as percentage of household income	—	—	—	10	—	—	—
HOUSEHOLD CHARACTERISTICS							
Household type by age of householder	7	8	—	—	—	—	—
Income	7	8	9	—	11	—	—
Income below poverty level	7	8	9	—	11	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White	20	21	22	23	24	—	—
Black	31	32	33	34	35	—	—
American Indian, Eskimo, and Aleut	42	43	44	45	46	—	—
Asian and Pacific Islander	53	54	55	56	57	—	—
Spanish origin	64	65	66	67	68	—	—

Standard Metropolitan Statistical Areas, Counties, and Selected Places



CORRECTION NOTE

Any corrections to the 1980 census counts of the total population and total housing units made after this report was printed are available by writing to Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

NOTE TO USERS:

1. In tables where the median age for total persons in owner-occupied and renter-occupied housing units is shown as ~~05~~, the correct entry should be three dots (...).
2. The "Not computed" line for Mortgage Status and Selected Monthly Owner Costs as Percentage of Household Income in 1979 for not mortgaged units includes households with zero or negative income and households reporting no housing costs; that is, not mortgaged units with no utility, fuel, tax, or insurance payments required. Households with no Selected Monthly Owner Costs are normally excluded from the "Not computed" category.



Table A-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units	41 669	268	796	3 357	6 749	9 216	8 626	9 541	2 240	814	62	50 400	52 300
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	33 177	96	467	2 126	4 854	7 320	7 199	8 245	2 055	753	62	52 000	54 300
15 to 24 years	547	—	13	61	102	158	125	78	5	5	—	46 800	47 600
25 to 34 years	7 887	—	37	307	932	1 641	1 989	2 384	438	138	21	54 300	56 200
35 to 44 years	8 817	8	43	279	1 093	1 631	2 008	2 687	800	268	—	56 700	58 600
45 to 64 years	12 784	22	215	931	1 980	3 087	2 687	2 753	759	309	41	50 500	53 300
65 years and over	3 142	66	159	548	747	803	390	343	53	33	—	40 600	42 100
Male householder, no wife present	2 376	51	104	256	527	538	399	403	68	30	—	45 100	46 200
15 to 24 years	65	—	8	7	12	11	5	16	6	—	—	42 500	47 600
25 to 34 years	383	—	—	18	80	125	43	100	6	11	—	48 600	52 500
35 to 44 years	323	—	15	19	27	82	51	81	29	19	—	54 200	56 700
45 to 64 years	895	16	48	111	158	226	168	147	21	—	—	44 600	44 900
65 years and over	710	35	33	101	250	94	132	59	6	—	—	37 700	39 600
Female householder, no husband present	6 116	121	225	975	1 368	1 358	1 028	893	117	31	—	43 000	43 900
15 to 24 years	48	—	—	5	18	—	—	25	—	—	—	60 700	53 400
25 to 34 years	624	13	10	47	114	176	126	127	11	—	—	47 500	47 700
35 to 44 years	931	6	21	82	130	238	147	268	39	—	—	49 600	50 900
45 to 64 years	2 165	59	40	305	491	539	416	257	36	22	—	44 500	44 300
65 years and over	2 348	43	154	536	615	405	339	216	31	9	—	37 300	39 500
Median age	46.3	65.7	62.0	58.8	51.8	47.7	44.2	41.4	42.5	43.6	55.7	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	2 986	—	31	85	315	562	673	995	233	82	10	57 300	58 900
1975 to 1978	9 144	9	71	407	1 079	1 871	2 152	2 522	738	279	16	54 600	57 400
1970 to 1974	7 533	32	74	382	981	1 438	1 639	2 248	529	200	10	54 800	56 600
1960 to 1969	11 784	50	159	897	1 899	2 849	2 447	2 775	515	173	20	50 100	52 100
1959 or earlier	10 222	177	461	1 586	2 475	2 496	1 715	1 001	225	80	6	41 500	42 800
ROOMS													
1 to 3 rooms	319	6	74	101	57	19	33	29	—	—	—	28 700	33 100
4 rooms	2 563	74	158	551	781	564	306	99	11	19	—	36 100	37 100
5 rooms	7 571	56	244	857	1 918	2 356	1 535	540	54	11	—	42 900	42 800
6 rooms	11 596	85	153	796	1 896	3 349	3 014	2 060	196	37	10	48 700	48 900
7 rooms	10 493	22	91	756	1 371	1 811	2 368	3 498	518	58	—	54 300	54 300
8 or more rooms	9 127	25	76	296	726	1 117	1 370	3 315	1 461	689	52	64 900	67 100
Median	6.4	5.5	5.2	5.7	5.8	6.0	6.3	7.1	7.9	8.4	8.5+	...	...
BEDROOMS													
None	18	—	—	5	7	—	6	—	—	—	—	37 900	41 700
1	1 219	14	110	283	287	229	175	115	6	—	—	37 000	38 700
2	7 013	114	334	976	1 685	1 926	1 186	661	97	34	—	41 900	42 400
3	22 200	111	269	1 464	3 426	5 068	5 274	5 648	752	178	10	51 300	51 800
4	9 543	13	60	540	1 198	1 716	1 723	2 663	1 171	444	15	56 200	59 900
5 or more	1 676	16	23	89	146	277	262	454	214	158	37	60 900	66 600
YEAR STRUCTURE BUILT													
1975 to March 1980	2 789	—	19	17	15	227	622	1 193	467	208	21	64 600	70 500
1970 to 1974	4 510	—	6	20	143	541	1 129	1 941	523	197	10	63 900	66 100
1960 to 1969	11 379	9	12	279	858	2 219	2 997	4 058	733	209	5	57 600	58 900
1950 to 1959	8 290	21	76	482	1 643	2 652	2 138	1 063	162	53	—	47 200	48 000
1940 to 1949	2 939	25	138	383	794	936	405	219	34	5	—	41 300	41 600
1939 or earlier	11 762	213	545	2 176	3 296	2 641	1 335	1 067	321	142	26	39 000	41 900
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	2 169	91	148	407	556	420	299	192	44	12	—	37 900	39 500
\$5,000 to \$9,999	2 938	68	193	546	717	692	407	251	49	5	10	39 200	40 500
\$10,000 to \$14,999	1 769	14	81	328	400	486	251	166	38	5	—	41 100	42 000
\$15,000 to \$19,999	1 885	13	78	318	402	444	311	297	17	5	—	42 500	43 400
\$20,000 to \$24,999	5 501	7	105	527	1 166	1 467	1 098	952	120	59	—	46 400	47 900
\$25,000 to \$29,999	7 008	46	77	549	1 265	1 714	1 639	1 492	163	47	16	49 200	50 000
\$30,000 to \$34,999	11 342	25	68	472	1 473	2 477	2 772	3 282	614	159	—	53 600	55 200
\$35,000 to \$49,999	6 849	4	36	204	643	1 233	1 508	2 178	784	238	21	58 600	60 900
\$50,000 or more	2 208	—	10	6	127	283	341	731	411	284	15	66 800	72 800
Median	\$24 673	\$6 991	\$11 759	\$16 057	\$20 476	\$22 977	\$25 860	\$28 924	\$35 891	\$41 459	\$41 554	...	...
Mean	\$25 941	\$11 557	\$14 177	\$16 941	\$20 888	\$24 133	\$26 726	\$30 356	\$37 935	\$47 125	\$44 730	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	31 683	50	304	1 749	4 421	7 004	7 088	8 377	1 952	708	30	52 800	55 000
Less than 15 percent	8 356	11	56	430	1 251	2 000	1 785	2 052	550	217	4	52 000	54 800
15 to 19 percent	6 916	11	57	303	972	1 476	1 586	1 990	360	151	10	54 000	55 600
20 to 24 percent	5 807	7	65	296	835	1 212	1 365	1 545	419	58	5	52 900	54 600
25 to 29 percent	3 891	—	33	146	423	867	960	1 090	240	132	—	54 400	56 900
30 to 34 percent	2 096	—	19	144	268	410	456	580	138	75	6	53 800	56 900
35 percent or more	4 466	21	74	415	666	996	893	1 087	234	75	5	50 600	52 100
Not computed	151	—	—	15	6	43	33	33	11	—	—	51 900	53 000
Median	20.4	22.1	23.0	22.3	19.9	20.0	20.6	20.4	20.7	19.5	21.0	...	...
Net mortgaged	9 986	218	492	1 608	2 328	2 212	1 538	1 164	288	106	32	41 600	43 700
Less than 10 percent	2 375	48	82	335	499	524	388	369	80	44	6	44 900	46 800
10 to 14 percent	2 431	21	69	339	579	530	418	352	100	23	—	44 100	45 900
15 to 19 percent	1 298	14	77	180	248	362	239	128	40	10	—	44 100	43 900
20 to 24 percent	866	31	22	175	219	221	67	107	13	11	—	39 500	41 800
25 to 29 percent	570	—	40	136	140	88	77	56	5	12	16	37 500	44 700
30 to 34 percent	467	—	40	107	124	87	64	27	11	—	—	36 700	37 300
35 percent or more	1 863	97	145	318	484	369	270	125	39	6	10	37 600	39 500
Not computed	116	—	17	18	35	31	15	—	—	—	—	36 800	36 600
Median	15.5	24.2	22.2	18.4	16.4	15.5	14.5	13.0	13.2	12.0	28.1	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	41 574	247	761	3 330	6 742	9 216	8 626	9 536	2 240	814	62	50 500	52 400
1.01 or more persons per room	804	—	25	57	204	316	120	63	19	—	—	44 100	44 400
Lacking complete plumbing for exclusive use	95	21	35	27	7	—	—	5	—	—	—	15 100	20 600
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	41 662	261	796	3 357	6 749	9 216	8 626	9 541	2 240	814	62	50 400	52 300
Central heating system	39 630	199	663	3 076	6 413	8 852	8 293	9 124	2 150	798	62	50 600	52 600
Air conditioning	19 212	61	216	1 198	2 749	4 129	4 331	4 972	1 110	409	37	52 500	54 500
Central system	1 358	11	18	25	59	213	229	530	167	86	20	63 700	67 500
Income in 1979 below poverty level	1 758	65	99	219	349	478	262	221	48	17	—	43 400	43 500
Percent below poverty level	4.2	24.3	12.4	6.5	5.2	5.2	3.0	2.3	2.1	2.1	—	...	...

Table A-2. Gross Rent of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units.....	25 432	2 167	1 472	3 183	4 792	5 749	4 068	1 740	1 132	383	746	257
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families.....	9 883	184	391	918	1 771	2 432	2 017	962	628	202	378	282
15 to 24 years.....	1 427	—	34	101	304	343	417	159	56	—	13	289
25 to 34 years.....	3 586	11	40	264	644	1 010	876	376	221	81	63	291
35 to 44 years.....	1 508	36	58	76	200	318	285	221	161	83	70	305
45 to 64 years.....	2 122	71	49	243	399	483	346	184	167	38	142	272
65 years and over.....	1 240	66	210	234	224	278	93	22	23	—	90	211
Male householder, no wife present.....	5 071	342	386	895	999	1 101	670	230	230	94	124	243
15 to 24 years.....	1 080	9	25	209	226	333	151	83	25	16	3	261
25 to 34 years.....	1 454	—	84	244	350	341	208	61	101	32	33	255
35 to 44 years.....	632	18	22	98	114	160	109	21	31	39	20	277
45 to 64 years.....	1 060	52	120	178	213	166	176	42	67	7	39	240
65 years and over.....	845	263	135	166	96	101	26	23	6	—	29	160
Female householder, no husband present.....	10 478	1 641	695	1 370	2 022	2 216	1 381	548	274	87	244	236
15 to 24 years.....	1 611	101	48	204	437	398	263	74	46	25	15	251
25 to 34 years.....	2 034	92	95	163	440	551	380	149	127	11	26	273
35 to 44 years.....	1 138	66	17	160	155	303	184	143	65	20	25	279
45 to 64 years.....	2 433	248	176	456	476	558	305	112	31	24	47	231
65 years and over.....	3 262	1 134	359	387	514	406	249	70	5	7	131	157
Median age.....	39.1	71.1	63.7	48.1	35.0	34.3	32.6	34.5	34.8	36.5	57.8	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980.....	8 476	420	302	942	1 624	2 039	1 617	714	484	254	80	274
1975 to 1978.....	9 166	798	418	956	1 678	2 213	1 676	677	478	98	174	265
1970 to 1974.....	3 591	463	273	543	728	768	453	191	82	15	70	231
1960 to 1969.....	2 384	327	265	385	441	483	195	108	64	16	100	219
1959 or earlier.....	1 815	159	214	352	321	246	127	50	24	—	322	204
ROOMS												
1 room.....	509	105	172	110	87	16	10	—	—	9	—	143
2 rooms.....	1 424	435	186	287	290	166	34	13	—	—	13	169
3 rooms.....	5 116	757	391	870	1 258	1 131	532	99	28	21	29	225
4 rooms.....	8 976	591	328	909	1 549	2 694	1 967	577	278	4	79	273
5 rooms.....	5 463	218	258	713	996	1 157	989	548	330	57	197	269
6 rooms.....	2 771	42	110	251	475	469	417	379	318	148	162	295
7 or more rooms.....	1 173	19	27	43	137	116	119	124	178	144	266	347
Median.....	4.1	3.2	3.5	3.9	4.0	4.1	4.2	4.8	5.3	6.2	5.8	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979.....	25 432	2 167	1 472	3 183	4 792	5 749	4 068	1 740	1 132	383	746	257
Complete plumbing for exclusive use.....	24 762	2 084	1 311	3 064	4 720	5 634	3 973	1 721	1 132	383	740	258
0.50 or less.....	14 743	1 630	888	2 126	2 873	3 100	2 108	754	521	160	583	243
0.51 to 1.00.....	9 019	410	399	828	1 681	2 295	1 709	853	508	192	144	276
1.01 to 1.50.....	856	41	19	99	131	208	131	114	88	19	6	284
1.51 or more.....	144	3	5	11	35	31	25	—	15	12	7	271
Lacking complete plumbing for exclusive use.....	670	83	161	119	72	115	95	19	—	—	6	191
0.50 or less.....	314	38	59	73	35	65	32	6	—	—	6	194
0.51 to 1.00.....	286	38	102	40	24	32	37	13	—	—	—	154
1.01 to 1.50.....	53	7	—	—	7	13	26	—	—	—	—	298
1.51 or more.....	17	—	—	6	6	5	—	—	—	—	—	235
Income in 1979 below poverty level.....	4 538	783	368	615	864	775	546	283	146	47	111	226
Complete plumbing for exclusive use.....	4 398	776	318	608	849	745	515	283	146	47	111	226
1.01 or more persons per room.....	336	27	12	48	43	91	32	48	14	14	7	268
Lacking complete plumbing for exclusive use.....	140	7	50	7	15	30	31	—	—	—	—	217
1.01 or more persons per room.....	24	7	—	—	—	7	10	—	—	—	—	293
BEDROOMS												
None.....	642	171	193	117	120	22	10	—	—	9	—	139
1.....	7 900	1 172	644	1 375	1 936	1 604	831	192	59	21	66	221
2.....	10 744	573	379	1 145	1 734	3 034	2 343	835	418	58	225	276
3.....	5 061	202	234	449	887	906	768	590	515	219	291	283
4.....	875	30	22	85	106	151	111	81	115	60	114	295
5 or more.....	210	19	—	12	9	32	5	42	25	16	50	354
UNITS IN STRUCTURE												
1, detached or attached.....	3 318	353	135	215	320	435	378	359	455	234	434	298
2.....	5 952	61	251	857	1 266	1 109	1 007	654	445	89	213	270
3 and 4.....	4 174	143	254	810	1 100	930	542	249	120	6	20	239
5 to 9.....	3 599	361	281	656	912	819	423	97	23	—	27	226
10 to 49.....	6 776	611	334	546	953	2 212	1 613	334	89	39	45	276
50 or more.....	1 570	638	217	86	220	241	105	41	—	15	7	125
Mobile home or trailer, etc.....	43	—	—	13	21	3	—	6	—	—	—	235
YEAR STRUCTURE BUILT												
1975 to March 1980.....	1 434	277	85	74	120	277	361	118	77	28	17	284
1970 to 1974.....	3 605	425	158	104	397	1 176	841	277	126	51	50	284
1960 to 1969.....	4 004	333	103	157	630	1 255	892	261	180	111	82	281
1950 to 1959.....	1 862	330	102	196	216	355	231	165	126	32	109	254
1940 to 1949.....	2 363	275	154	366	427	452	327	184	115	8	55	242
1939 or earlier.....	12 164	527	870	2 286	3 002	2 234	1 416	735	508	153	433	236
STORIES IN STRUCTURE												
1 to 3.....	23 505	1 390	1 189	2 980	4 519	5 510	3 953	1 703	1 132	383	746	263
4 or more.....	1 927	777	283	203	273	239	115	37	—	—	—	129
With elevator.....	1 450	723	244	79	181	182	20	21	—	—	—	100
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent.....	3 908	420	369	723	887	860	445	141	54	9	...	227
15 to 19 percent.....	4 410	342	243	494	827	1 123	839	303	187	52	...	266
20 to 24 percent.....	4 266	737	172	459	727	941	742	243	193	52	...	252
25 to 29 percent.....	2 627	342	147	244	473	634	433	190	134	30	...	259
30 to 34 percent.....	1 818	109	87	200	339	456	319	161	119	28	...	272
35 to 49 percent.....	2 805	83	201	440	483	607	452	267	179	93	...	266
50 percent or more.....	4 414	68	176	564	965	1 067	789	415	257	113	...	271
Not computed.....	1 184	66	77	59	91	61	49	26	9	6	746	209
Median.....	24.5	22.0	22.5	23.8	24.4	24.6	24.9	29.6	29.8	39.0	...	...
SELECTED CHARACTERISTICS												
Heating equipment.....	25 405	2 167	1 466	3 175	4 792	5 743	4 061	1 740	1 132	383	746	257
Central heating system.....	20 175	2 048	1 102	2 054	3 288	4 658	3 527	1 429	1 046	365	658	265
Air conditioning.....	10 326	596	394	965	1 609	2 996	2 258	674	392	145	297	279
Central system.....	1 124	166	62	77	142	309	224	86	18	20	20	272

Table A—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units	48 579	2 571	3 622	2 184	2 296	6 555	8 103	12 897	7 747	2 604	24 315	25 664	2 088
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	37 917	662	1 753	1 261	1 518	4 836	6 884	11 582	7 037	2 384	26 451	28 206	859
15 to 24 years	654	17	26	25	17	133	214	193	29	—	22 234	22 127	17
25 to 34 years	8 812	119	231	198	377	1 550	2 303	2 762	1 062	210	24 093	25 408	203
35 to 44 years	9 765	90	156	179	220	1 094	1 798	3 769	1 885	574	27 963	29 721	163
45 to 64 years	14 988	189	366	438	547	1 557	2 187	4 438	3 771	1 495	29 692	31 638	263
65 years and over	3 698	247	974	421	357	502	382	420	290	105	13 950	18 043	213
Female householder, no wife present	3 152	358	398	204	235	549	468	544	285	111	18 727	20 205	205
15 to 24 years	130	21	4	25	7	10	25	21	17	—	19 000	18 392	18
25 to 34 years	623	17	25	17	48	172	106	165	62	11	21 354	22 955	17
35 to 44 years	418	—	5	21	35	82	94	97	62	22	23 704	25 896	5
45 to 64 years	1 135	89	88	94	89	201	193	224	99	58	20 175	22 595	64
65 years and over	846	231	276	47	56	84	50	37	45	20	7 614	12 438	101
Female householder, no husband present	7 510	1 551	1 471	719	543	1 170	751	771	425	109	12 564	15 118	1 024
15 to 24 years	97	25	9	20	—	20	5	12	6	—	11 812	14 415	25
25 to 34 years	784	113	158	108	61	111	59	102	45	27	13 033	16 539	139
35 to 44 years	1 110	143	110	116	110	277	131	146	53	24	16 187	17 629	172
45 to 64 years	2 650	305	446	241	245	460	373	349	203	28	16 048	17 536	236
65 years and over	2 869	965	748	234	127	302	183	162	118	30	7 504	11 548	452
Median age	46.8	67.4	66.8	57.1	53.1	43.7	41.2	42.9	47.3	49.0	...	...	56.6
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	3 784	88	137	152	159	585	817	1 221	491	134	24 715	25 931	108
1975 to 1978	10 670	327	441	348	472	1 472	2 319	3 243	1 472	576	24 892	26 506	372
1970 to 1974	8 648	240	371	254	374	1 295	1 600	2 654	1 396	464	25 488	27 018	322
1960 to 1969	13 135	580	754	630	523	1 579	1 857	3 568	2 787	857	26 581	27 779	525
1959 or earlier	12 342	1 336	1 919	800	768	1 624	1 510	2 211	1 601	573	19 132	21 653	761
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	48 379	2 508	3 600	2 181	2 279	6 542	8 069	12 859	7 737	2 604	24 345	25 705	2 045
1.01 or more persons per room	1 009	3	29	17	45	189	150	258	210	108	27 416	30 234	37
Lacking complete plumbing for exclusive use	200	63	22	3	17	13	34	38	10	—	14 265	15 671	43
1.01 or more persons per room	5	—	—	—	—	—	—	—	5	—	40 966	47 225	—
Heating equipment	48 563	2 571	3 622	2 184	2 289	6 555	8 103	12 888	7 747	2 604	24 314	25 666	2 088
Central heating system	45 869	2 250	3 323	2 042	2 100	6 124	7 698	12 265	7 500	2 567	24 586	26 000	1 850
Air conditioning	22 690	890	1 356	890	938	2 834	3 875	6 179	4 266	1 462	25 755	27 462	792
Central system	1 899	65	119	73	102	194	248	433	437	228	27 442	31 163	64
Vehicles available	46 479	1 776	2 877	2 007	2 220	6 414	7 998	12 864	7 719	2 604	24 965	26 438	1 686
1	14 455	1 348	2 087	1 325	1 190	2 793	2 475	2 244	803	190	17 323	18 145	1 124
2 or more	32 024	428	790	682	1 030	3 621	5 523	10 620	6 916	2 414	28 326	30 181	562
House heating fuel	48 563	2 571	3 622	2 184	2 289	6 555	8 103	12 888	7 747	2 604	24 314	25 666	2 088
Utility gas	25 126	1 184	1 705	1 037	1 038	3 131	4 122	6 924	4 472	1 513	25 428	26 759	1 080
Bottled, tank, or LP gas	339	56	52	20	20	45	32	77	37	—	17 240	18 581	27
Electricity	2 901	97	143	114	135	383	532	873	457	167	25 354	27 138	93
Fuel oil, kerosene, etc.	19 080	1 202	1 674	978	1 006	2 781	3 221	4 663	2 643	912	22 753	24 258	856
Other	1 117	32	48	35	90	215	196	351	138	12	23 057	23 444	32
Median rooms	6.3	5.5	5.7	5.7	5.9	6.0	6.1	6.5	7.0	7.6	...	...	5.8
Specified owner-occupied housing units	41 669	2 169	2 938	1 769	1 885	5 501	7 008	11 342	6 849	2 208	24 673	25 941	1 758
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage	31 683	884	1 248	988	1 253	4 107	5 868	9 770	5 707	1 858	26 250	27 822	1 040
Less than \$200	460	49	93	62	39	84	37	48	29	19	14 167	17 053	43
\$200 to \$249	1 368	59	130	91	82	222	255	333	185	11	21 494	22 277	50
\$250 to \$299	2 814	141	156	170	159	473	468	720	416	111	23 450	24 463	133
\$300 to \$349	4 370	109	185	136	165	746	840	1 247	795	147	25 025	26 195	135
\$350 to \$399	4 771	168	265	125	183	653	1 047	1 284	781	265	24 564	26 597	205
\$400 to \$499	8 552	220	181	252	338	1 114	1 643	2 843	1 523	438	26 452	27 815	284
\$500 to \$599	5 258	82	145	113	215	539	1 005	1 808	1 015	336	26 845	29 373	134
\$600 to \$749	3 073	45	60	26	35	240	458	1 189	634	386	29 874	33 537	45
\$750 or more	1 017	11	33	13	37	36	115	298	329	145	31 808	36 966	11
Median	\$422	\$375	\$361	\$364	\$400	\$390	\$417	\$442	\$437	\$486	...	...	\$389
Not mortgaged	9 986	1 285	1 690	781	632	1 394	1 140	1 572	1 142	350	17 080	19 971	718
Less than \$50	7	—	7	—	—	—	—	—	—	—	8 750	9 010	—
\$50 to \$74	57	24	27	—	6	—	—	—	—	—	5 592	6 063	17
\$75 to \$99	108	54	23	7	—	14	—	10	—	—	5 000	9 300	26
\$100 to \$124	220	83	59	36	7	20	12	—	3	—	6 776	8 337	52
\$125 to \$149	675	139	154	96	43	77	82	50	34	—	11 159	13 827	61
\$150 to \$199	2 900	489	658	226	203	478	318	318	186	24	13 448	15 480	226
\$200 to \$249	3 118	299	434	211	262	475	401	597	337	102	18 680	20 850	174
\$250 or more	2 901	197	328	205	111	330	327	597	582	224	24 035	26 524	162
Median	\$216	\$185	\$194	\$206	\$211	\$211	\$220	\$234	\$250+	\$250+	...	...	\$195
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	31 683	884	1 248	988	1 253	4 107	5 868	9 770	5 707	1 858	26 250	27 822	1 040
Less than 15 percent	8 356	—	—	—	6	95	506	2 480	3 628	1 641	38 023	41 260	—
15 to 19 percent	6 916	—	3	34	42	536	1 321	3 386	1 423	171	29 052	29 938	—
20 to 24 percent	5 807	—	32	49	170	968	1 788	2 344	428	28	24 693	25 272	—
25 to 29 percent	3 891	—	38	141	183	1 003	1 260	1 095	158	13	22 112	22 611	13
30 to 34 percent	2 096	—	44	186	201	701	599	310	55	—	19 471	19 905	10
35 percent or more	4 466	733	1 131	578	651	804	394	155	15	5	11 596	11 940	866
Not computed	151	151	—	—	—	—	—	—	—	—	2500—	—731	151
Median	20.4	50+	50+	38.5	35.5	27.3	23.1	18.6	13.5	10—	...	...	50+
Not mortgaged	9 986	1 285	1 690	781	632	1 394	1 140	1 572	1 142	350	17 080	19 971	718
Less than 10 percent	2 375	—	15	7	6	83	247	741	930	346	35 883	38 338	—
10 to 14 percent	2 431	—	46	76	108	589	636	765	207	4	22 741	23 674	—
15 to 19 percent	1 298	7	52	200	265	519	208	42	5	—	16 085	16 361	5
20 to 24 percent	866	28	203	241	205	142	28	19	—	—	12 095	12 491	18
25 to 29 percent	570	15	288	144	48	54	21	—	—	—	9 698	10 436	14
30 to 34 percent	467	29	373	60	—	—	—	5	—	—	7 303	7 789	15
35 percent or more	1 863	1 090	713	53	—	7	—	—	—	—	4 573	4 937	550
Not computed	116	116	—	—	—	—	—	—	—	—	2500—	—91	116
Median	15.5	50+	33.2	22.2	18.8	15.2	12.5	10.3	10—	10—	...	...	50+

Table A-4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Renter-occupied housing units -----	25 691	5 439	5 625	2 825	1 981	4 345	2 772	2 062	547	95	11 577	13 229	4 553
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families -----	10 029	586	1 393	951	938	2 537	1 839	1 374	367	44	17 017	17 615	938
15 to 24 years -----	1 427	69	188	160	159	481	241	109	11	9	16 353	16 370	130
25 to 34 years -----	3 637	175	310	359	318	1 079	729	550	117	5	17 776	18 170	325
35 to 44 years -----	1 542	93	179	127	136	326	325	274	77	5	18 140	18 662	219
45 to 64 years -----	2 156	96	226	120	192	515	468	379	135	25	19 186	20 093	151
65 years and over -----	1 267	153	490	185	133	136	76	62	27	5	9 874	11 938	113
Male householder, no wife present -----	5 130	1 051	1 083	730	383	868	413	428	131	43	11 476	13 417	818
15 to 24 years -----	1 083	208	247	192	92	189	67	77	—	11	11 126	12 347	255
25 to 34 years -----	1 486	192	220	199	186	263	191	147	76	12	14 274	15 686	202
35 to 44 years -----	644	54	111	110	47	157	68	79	19	7	15 000	15 654	72
45 to 64 years -----	1 067	196	278	163	41	186	75	102	19	3	10 913	12 949	133
65 years and over -----	850	401	227	66	17	73	12	23	18	13	5 414	9 708	156
Female householder, no husband present -----	10 532	3 802	3 149	1 144	660	940	520	260	49	8	7 052	8 961	2 797
15 to 24 years -----	1 611	531	564	202	72	125	86	25	6	—	7 425	8 477	625
25 to 34 years -----	2 034	485	620	284	190	240	136	58	16	5	9 127	10 551	662
35 to 44 years -----	1 148	215	379	194	90	140	83	37	10	—	9 706	10 839	411
45 to 64 years -----	2 466	568	758	298	228	325	168	108	10	3	9 425	10 917	447
65 years and over -----	3 273	2 003	828	166	80	110	47	32	7	—	4 486	6 079	652
Median age -----	39.2	62.7	44.9	35.4	34.5	33.5	34.2	36.7	39.2	50.9	...	...	35.9
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980 -----	8 549	1 737	1 929	1 094	697	1 420	933	518	179	42	11 391	12 849	1 896
1975 to 1978 -----	9 237	1 757	1 919	934	718	1 640	1 157	891	200	21	12 530	13 879	1 461
1970 to 1974 -----	3 637	963	713	437	280	639	286	271	48	—	10 815	12 109	647
1960 to 1969 -----	2 419	582	564	216	168	357	223	221	73	15	10 735	13 655	338
1959 or earlier -----	1 849	400	500	144	118	289	173	161	47	17	10 425	13 389	211
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use -----	25 021	5 193	5 471	2 753	1 950	4 281	2 749	2 018	511	95	11 677	13 295	4 413
0.50 or less -----	14 901	3 931	3 514	1 731	1 083	2 079	1 270	1 002	248	43	10 008	11 966	2 253
0.51 to 1.00 -----	9 113	1 166	1 743	926	762	1 980	1 344	913	241	38	14 867	15 219	1 824
1.01 to 1.50 -----	856	82	175	81	96	200	103	93	15	11	14 844	15 418	267
1.51 or more -----	151	14	39	15	9	22	32	10	7	3	14 583	16 364	69
Lacking complete plumbing for exclusive use -----	670	246	154	72	31	64	23	44	36	—	7 203	10 761	140
0.50 or less -----	314	120	82	51	—	26	5	18	12	—	6 968	9 543	42
0.51 to 1.00 -----	286	109	65	15	26	32	5	26	8	—	6 809	10 512	74
1.01 to 1.50 -----	53	17	7	6	—	—	7	—	16	—	11 042	16 872	24
1.51 or more -----	17	—	—	—	5	6	6	—	—	—	18 958	18 380	—
SELECTED CHARACTERISTICS													
Heating equipment -----	25 664	5 439	5 604	2 825	1 981	4 339	2 772	2 062	547	95	11 583	13 234	4 538
Central heating system -----	20 393	4 221	4 324	2 198	1 566	3 456	2 367	1 714	475	72	11 878	13 518	3 289
Air conditioning -----	10 396	1 683	1 930	1 165	830	1 940	1 431	1 115	263	39	13 765	14 864	1 157
Central system -----	1 128	338	233	127	93	168	84	56	26	3	9 801	11 677	132
Vehicles available -----	18 860	2 016	3 468	2 353	1 710	4 066	2 663	1 980	509	95	14 829	15 587	2 381
1 -----	12 860	1 783	2 906	1 917	1 302	2 581	1 440	726	172	33	12 270	13 381	1 964
2 or more -----	6 000	233	562	436	408	1 485	1 223	1 254	337	62	19 512	20 316	417
House heating fuel -----	25 664	5 439	5 604	2 825	1 981	4 339	2 772	2 062	547	95	11 583	13 234	4 538
Utility gas -----	15 138	3 141	3 293	1 612	1 251	2 634	1 620	1 211	335	41	11 760	13 258	2 891
Bottled, tank, or LP gas -----	350	66	78	50	34	60	32	30	—	—	11 550	12 342	65
Electricity -----	3 384	763	683	401	224	544	448	278	43	—	11 534	12 818	465
Fuel oil, kerosene, etc. -----	6 610	1 421	1 528	743	455	1 065	668	519	157	54	11 198	13 400	1 084
Other -----	182	48	22	19	17	36	4	24	12	—	12 794	14 637	33
Median rooms -----	4.1	3.6	4.0	4.0	4.3	4.4	4.4	4.8	5.0	5.0	...	...	4.1
Specified renter-occupied housing units -----													
25 432	5 431	5 571	2 802	1 966	4 270	2 729	2 050	525	88	11 529	13 175	4 538	
CONTRACT RENT													
Less than \$100 -----	3 286	1 886	778	129	93	212	52	90	31	15	4 615	7 334	1 016
\$100 to \$149 -----	4 360	1 056	1 239	422	328	575	389	303	43	5	9 455	11 505	907
\$150 to \$199 -----	5 093	938	1 264	759	487	889	440	250	47	19	11 135	12 370	977
\$200 to \$249 -----	4 812	734	1 003	652	420	848	638	385	113	19	12 601	14 115	765
\$250 to \$299 -----	4 716	475	834	594	418	1 088	724	469	108	6	15 144	15 389	482
\$300 to \$349 -----	1 670	156	192	129	116	361	343	299	65	9	18 081	18 218	197
\$350 to \$399 -----	466	25	81	27	37	121	41	99	28	7	17 019	18 761	40
\$400 to \$499 -----	218	18	26	13	22	36	32	43	28	—	17 419	20 666	28
\$500 or more -----	65	6	9	10	—	12	8	4	11	5	18 125	24 278	15
No cash rent -----	746	137	145	67	45	128	62	108	51	3	13 833	16 153	111
Median -----	\$194	\$135	\$175	\$205	\$208	\$226	\$235	\$243	\$251	\$211	...	...	\$164
GROSS RENT													
Less than \$100 -----	2 167	1 568	468	51	29	39	4	5	—	3	4 093	4 913	783
\$100 to \$149 -----	1 472	538	553	113	70	96	42	40	15	5	6 623	8 405	368
\$150 to \$199 -----	3 183	821	952	444	201	415	187	131	18	14	9 043	10 639	615
\$200 to \$249 -----	4 792	862	1 226	691	429	782	453	310	34	5	11 114	12 250	864
\$250 to \$299 -----	5 749	719	1 106	728	618	1 165	792	454	157	10	13 801	14 547	775
\$300 to \$349 -----	4 068	481	592	435	335	981	720	411	99	14	15 965	15 901	546
\$350 to \$399 -----	1 740	216	303	150	139	346	232	282	47	25	15 708	17 063	283
\$400 to \$499 -----	1 132	56	179	93	63	254	189	241	53	4	18 064	18 906	146
\$500 or more -----	383	33	47	30	37	64	48	68	51	5	18 194	20 931	47
No cash rent -----	746	137	145	67	45	128	62	108	51	3	13 833	16 153	111
Median -----	\$257	\$183	\$230	\$255	\$267	\$283	\$293	\$304	\$307	\$320	...	...	\$226
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent -----	3 908	51	268	122	136	575	919	1 331	421	85	24 405	24 909	144
15 to 19 percent -----	4 410	161	397	278	309	1 426	1 301	490	48	—	18 769	18 171	138
20 to 24 percent -----	4 266	688	472	636	636	1 373	346	115	—	—	13 825	13 218	204
25 to 29 percent -----	2 627	365	578	631	494	476	72	6	5	—	11 468	11 242	150
30 to 34 percent -----	1 818	170	672	561	213	186	16	—	—	—	10 299	10 150	160
35 to 49 percent -----	2 805	482	1 639	446	125	100	13	—	—	—	7 780	7 985	398
50 percent or more -----	4 414	2 939	1 400	61	8	6	—	—	—	—	4 116	4 252	2 795
Not computed -----	1 184	575	145	67	45	128	62	108	51	3	5 545	10 170	549
Median -----	24.5	50+	38.3	27.6	24.1	20.3	16.6	13.2	10.1	10—	...	...	50+

Table A—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units -----	31 683	460	1 368	2 814	4 370	4 771	8 552	5 258	3 073	1 017	422
PERSONS IN UNIT											
1 person -----	1 388	61	155	219	168	186	280	198	71	50	374
2 persons -----	5 971	239	419	661	761	627	1 406	1 079	610	169	420
3 persons -----	6 004	63	279	584	816	886	1 648	976	607	145	419
4 persons -----	8 755	33	264	709	1 162	1 501	2 432	1 454	817	383	428
5 persons -----	5 884	27	174	352	887	971	1 747	946	605	175	427
6 persons -----	2 330	14	53	180	375	384	630	405	226	63	420
7 persons -----	944	7	24	87	125	141	275	152	115	18	433
8 or more persons -----	407	16	—	22	76	75	134	48	22	14	412
Median -----	3.78	2.21	2.89	3.40	3.88	3.96	3.89	3.76	3.80	3.88	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families -----	27 089	306	1 026	2 231	3 681	4 106	7 462	4 570	2 848	859	428
15 to 24 years -----	518	6	19	14	53	31	163	109	89	34	480
25 to 34 years -----	7 685	15	47	181	557	939	2 614	1 856	1 173	303	481
35 to 44 years -----	8 390	27	221	530	984	1 389	2 439	1 511	973	316	438
45 to 64 years -----	9 642	186	637	1 314	1 901	1 616	2 135	1 040	607	206	374
65 years and over -----	854	72	102	192	186	131	111	54	6	—	316
Male householder, no wife present -----	1 482	43	139	227	176	181	300	227	116	73	393
15 to 24 years -----	55	—	—	4	7	13	7	13	5	6	425
25 to 34 years -----	364	14	5	7	54	29	130	73	45	7	461
35 to 44 years -----	273	—	10	18	31	29	54	63	24	44	466
45 to 64 years -----	592	—	86	132	76	71	97	78	36	16	351
65 years and over -----	198	29	38	66	8	39	12	—	6	—	274
Female householder, no husband present -----	3 112	111	203	356	513	484	790	461	109	85	389
15 to 24 years -----	48	—	—	12	5	5	20	6	—	—	408
25 to 34 years -----	595	—	15	44	36	87	202	143	27	41	445
35 to 44 years -----	856	—	9	61	165	159	257	136	35	34	411
45 to 64 years -----	1 261	70	114	173	272	199	243	149	31	10	350
65 years and over -----	352	41	65	66	35	34	68	27	16	—	306
Median age -----	41.8	59.7	53.9	50.7	46.9	43.2	39.1	37.1	36.6	37.2	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980 -----	2 812	15	17	76	66	148	561	678	854	397	577
1975 to 1978 -----	8 704	64	95	224	539	899	2 926	2 348	1 264	345	487
1970 to 1974 -----	6 840	34	112	366	740	1 353	2 453	1 127	530	125	432
1960 to 1969 -----	9 826	174	602	1 464	2 279	1 924	2 094	855	324	110	360
1959 or earlier -----	3 501	173	542	684	746	447	518	250	101	40	324
ROOMS											
1 to 3 rooms -----	161	6	25	24	10	24	50	22	—	—	382
4 rooms -----	1 338	108	168	264	144	209	265	144	36	—	345
5 rooms -----	5 381	92	411	800	950	854	1 504	561	192	17	376
6 rooms -----	8 824	133	439	862	1 542	1 394	2 434	1 299	531	190	402
7 rooms -----	8 536	35	255	637	1 134	1 333	2 399	1 700	828	215	436
8 or more rooms -----	7 443	86	70	227	590	957	1 900	1 532	1 486	595	494
Median -----	6.5	5.7	5.7	5.9	6.2	6.4	6.5	6.9	7.4	7.8	...
YEAR STRUCTURE BUILT											
1975 to March 1980 -----	2 661	26	5	31	35	119	611	860	668	306	559
1970 to 1974 -----	4 187	6	13	53	230	520	1 435	1 058	694	178	489
1960 to 1969 -----	10 234	51	229	818	1 499	1 610	3 070	1 720	960	277	426
1950 to 1959 -----	5 914	66	404	845	1 070	1 000	1 501	660	305	63	379
1940 to 1949 -----	1 957	38	88	266	376	331	501	244	79	34	382
1939 or earlier -----	6 730	273	629	801	1 160	1 191	1 434	716	367	159	371
VALUE											
Less than \$10,000 -----	50	10	13	15	4	—	8	—	—	—	257
\$10,000 to \$19,999 -----	304	23	101	86	17	42	35	—	—	—	266
\$20,000 to \$29,999 -----	1 749	135	282	322	293	276	297	144	—	—	323
\$30,000 to \$39,999 -----	4 421	131	435	681	986	876	979	296	28	9	349
\$40,000 to \$49,999 -----	7 004	93	320	930	1 397	1 254	1 879	810	271	50	380
\$50,000 to \$59,999 -----	7 088	22	147	498	1 070	1 129	2 105	1 385	608	124	434
\$60,000 to \$79,999 -----	8 377	40	64	254	554	1 068	2 777	1 976	1 351	293	479
\$80,000 to \$99,999 -----	1 952	—	6	23	33	110	435	504	530	311	573
\$100,000 to \$149,999 -----	708	6	—	5	16	16	37	138	280	210	673
\$150,000 or more -----	30	—	—	—	—	—	—	5	5	20	750+
Median -----	\$52 800	\$34 100	\$37 300	\$42 900	\$46 700	\$49 500	\$54 500	\$60 000	\$66 400	\$82 200	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent -----	8 356	216	802	1 461	1 815	1 467	1 701	574	254	66	347
15 to 19 percent -----	6 916	77	203	517	1 173	1 203	2 308	941	455	39	411
20 to 24 percent -----	5 807	60	104	307	661	907	1 763	1 222	647	136	450
25 to 29 percent -----	3 891	24	84	133	239	439	1 121	1 007	627	217	492
30 to 34 percent -----	2 096	16	16	111	139	161	510	584	390	169	516
35 percent or more -----	4 466	67	159	246	320	569	1 111	910	700	384	476
Not computed -----	151	—	—	39	23	25	38	20	—	6	377
Median -----	20.4	15.9	13.6	14.6	16.5	18.8	20.7	24.5	26.4	31.4	...
SELECTED CHARACTERISTICS											
Heating equipment -----	31 676	460	1 368	2 807	4 370	4 771	8 552	5 258	3 073	1 017	422
Steam or hot water system -----	15 651	248	697	1 571	2 338	2 515	3 817	2 470	1 485	510	411
Central warm-air furnace or electric heat pump -----	12 272	121	511	967	1 634	1 788	3 582	2 077	1 209	383	429
Other built-in electric units -----	1 863	13	41	71	143	238	521	442	295	99	481
Floor, wall, or pipeless furnace -----	1 388	6	29	55	62	44	112	55	19	6	398
Other means -----	1 502	72	90	143	193	186	520	214	65	19	411
Air conditioning -----	15 322	139	580	1 342	2 176	2 246	4 305	2 604	1 462	468	426
Central system -----	1 083	—	43	—	95	138	296	216	148	83	464
1 or more individual room units -----	14 239	139	516	1 299	2 081	2 108	4 009	2 388	1 314	385	423
House heating fuel -----	31 676	460	1 368	2 807	4 370	4 771	8 552	5 258	3 073	1 017	422
Utility gas -----	17 554	237	707	1 373	2 286	2 426	4 171	3 070	1 985	575	432
Bottled, tank, or LP gas -----	177	6	16	33	17	32	42	20	5	6	376
Electricity -----	2 046	22	48	88	151	256	573	499	295	114	480
Fuel oil, kerosene, etc. -----	11 008	186	543	1 213	1 808	1 925	2 738	1 545	741	309	396
Other -----	876	9	54	100	108	132	289	124	47	13	410

Table A-6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

The SMSA

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units -----	9 986	7	57	108	220	675	2 900	3 118	2 901	216
PERSONS IN UNIT										
1 person -----	2 252	7	24	61	117	179	877	592	395	192
2 persons -----	4 242	—	27	24	75	339	1 296	1 392	1 089	213
3 persons -----	1 816	—	6	11	—	126	430	561	682	230
4 persons -----	865	—	—	7	17	19	161	282	379	241
5 persons -----	475	—	—	5	8	4	96	172	190	236
6 persons -----	139	—	—	—	—	—	9	68	62	244
7 persons -----	140	—	—	—	—	8	27	44	61	240
8 or more persons -----	57	—	—	—	3	—	4	7	43	250+
Median -----	2.15	1.00	1.67	1.39	1.44	1.97	1.94	2.19	2.47	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families -----	6 088	—	11	41	71	346	1 557	2 121	1 941	224
15 to 24 years -----	29	—	—	6	—	—	18	5	—	174
25 to 34 years -----	202	—	—	—	8	5	50	98	41	219
35 to 44 years -----	427	—	—	12	—	6	99	134	170	234
45 to 64 years -----	3 142	—	—	11	14	146	659	1 141	1 171	232
65 years and over -----	2 288	—	11	12	43	189	731	743	559	211
Male householder, no wife present -----	894	7	14	16	34	74	308	228	213	199
15 to 24 years -----	10	—	—	—	—	—	—	5	5	250
25 to 34 years -----	19	—	—	—	—	—	—	6	13	250+
35 to 44 years -----	50	—	—	—	—	—	38	7	5	183
45 to 64 years -----	303	—	—	—	6	48	88	78	83	206
65 years and over -----	512	7	14	16	28	26	182	132	107	195
Female householder, no husband present -----	3 004	—	32	51	115	255	1 035	769	747	201
15 to 24 years -----	—	—	—	—	—	—	—	—	—	—
25 to 34 years -----	29	—	—	—	—	—	5	6	18	250+
35 to 44 years -----	75	—	—	—	6	12	6	19	32	236
45 to 64 years -----	904	—	—	—	28	66	246	327	237	217
65 years and over -----	1 996	—	32	51	81	177	778	417	460	192
Median age -----	64.3	77.5	77.3	71.3	71.3	67.4	66.9	62.7	61.3	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980 -----	174	—	—	6	8	—	64	27	69	217
1975 to 1978 -----	440	—	—	—	15	31	89	136	169	231
1970 to 1974 -----	693	—	6	12	6	45	132	235	257	231
1960 to 1969 -----	1 958	—	8	16	34	120	465	537	778	231
1959 or earlier -----	6 721	7	43	74	157	479	2 150	2 183	1 628	210
ROOMS										
1 to 3 rooms -----	158	7	—	36	9	15	54	23	14	161
4 rooms -----	1 225	—	15	27	97	144	504	300	138	183
5 rooms -----	2 190	—	5	21	35	217	772	776	364	203
6 rooms -----	2 772	—	23	17	37	185	759	942	809	219
7 rooms -----	1 957	—	14	—	14	93	540	697	599	223
8 or more rooms -----	1 684	—	—	7	28	21	271	380	977	250+
Median -----	6.0	3.0	5.9	4.2	4.6	5.3	5.7	6.0	6.7	...
YEAR STRUCTURE BUILT										
1975 to March 1980 -----	128	—	—	6	6	—	25	13	78	250+
1970 to 1974 -----	323	—	6	—	—	—	43	93	181	250+
1960 to 1969 -----	1 145	—	8	—	13	23	212	329	560	248
1950 to 1959 -----	2 376	—	—	26	50	88	606	893	713	223
1940 to 1949 -----	982	—	7	13	14	102	285	340	221	210
1939 or earlier -----	5 032	7	36	63	137	462	1 729	1 450	1 148	203
VALUE										
Less than \$10,000 -----	218	—	—	13	11	63	89	38	4	162
\$10,000 to \$19,999 -----	492	—	7	20	29	85	237	75	39	172
\$20,000 to \$29,999 -----	1 608	—	7	19	83	263	729	337	170	180
\$30,000 to \$39,999 -----	2 328	7	29	18	47	138	849	835	405	205
\$40,000 to \$49,999 -----	2 212	—	6	7	50	86	630	857	576	219
\$50,000 to \$59,999 -----	1 538	—	8	13	—	23	262	604	628	238
\$60,000 to \$79,999 -----	1 164	—	—	13	—	17	93	320	721	250+
\$80,000 to \$99,999 -----	288	—	—	5	—	—	6	52	225	250+
\$100,000 to \$149,999 -----	106	—	—	—	—	—	5	—	101	250+
\$150,000 or more -----	32	—	—	—	—	—	—	—	32	250+
Median -----	\$41 600	\$32 500	\$36 200	\$31 700	\$26 400	\$27 400	\$34 400	\$43 400	\$53 500	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent -----	2 375	7	14	31	27	210	686	798	602	213
10 to 14 percent -----	2 431	—	19	12	66	116	649	764	805	223
15 to 19 percent -----	1 298	—	7	5	6	97	336	470	377	221
20 to 24 percent -----	866	—	7	27	32	40	207	287	266	221
25 to 29 percent -----	570	—	—	12	9	58	179	111	201	212
30 to 34 percent -----	467	—	—	15	14	15	213	123	87	194
35 percent or more -----	1 863	—	10	6	52	126	586	539	544	214
Not computed -----	116	—	—	—	14	13	44	26	19	185
Median -----	15.5	10—	13.8	21.1	20.6	15.3	16.4	14.9	15.5	...
SELECTED CHARACTERISTICS										
Heating equipment -----	9 986	7	57	108	220	675	2 900	3 118	2 901	216
Steam or hot water system -----	6 070	—	33	37	75	379	1 577	2 061	1 908	223
Central warm-air furnace or electric heat pump -----	2 949	—	10	36	77	203	949	878	796	211
Other built-in electric units -----	225	—	—	7	—	2	59	69	88	232
Floor, wall, or pipeless furnace -----	212	—	7	—	—	25	86	33	29	174
Other means -----	530	7	7	28	36	66	229	77	80	176
Air conditioning -----	3 890	—	24	19	76	227	1 009	1 302	1 233	223
Central system -----	275	—	—	6	—	20	28	68	153	250+
1 or more individual room units -----	3 615	—	24	13	76	207	981	1 234	1 080	221
House heating fuel -----	9 986	7	57	108	220	675	2 900	3 118	2 901	216
Utility gas -----	4 076	—	7	75	117	397	1 214	1 174	1 092	210
Bottled, tank, or LP gas -----	123	—	—	—	7	24	69	11	12	172
Electricity -----	271	—	—	7	—	2	74	96	92	227
Fuel oil, kerosene, etc. -----	5 435	7	50	26	91	244	1 515	1 819	1 683	222
Other -----	81	—	—	—	5	8	28	18	22	199

Table A—7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
Occupied housing units	48 579	3 529	5 245	12 311	12 321	15 173	25 691	1 439	3 619	4 041	4 278	12 314
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	37 917	3 089	4 431	10 419	9 462	10 516	10 029	487	1 307	1 660	1 642	4 933
15 to 24 years	654	105	26	129	223	171	1 427	100	251	295	260	521
25 to 34 years	8 812	1 653	1 533	1 923	1 763	1 940	3 637	163	520	712	616	1 626
35 to 44 years	9 765	876	1 644	3 594	1 676	1 975	1 542	34	151	152	263	942
45 to 64 years	14 988	380	1 109	4 269	4 698	4 532	2 156	93	213	294	372	1 184
65 years and over	3 698	75	119	504	1 102	1 898	1 267	97	172	207	131	660
Male householder, no wife present	3 152	192	253	625	829	1 253	5 130	324	779	739	761	2 527
15 to 24 years	130	29	14	27	35	25	1 083	65	208	184	191	435
25 to 34 years	623	77	100	167	119	160	1 486	82	217	194	247	746
35 to 44 years	418	35	61	110	64	148	644	37	144	120	86	257
45 to 64 years	1 135	43	67	225	336	464	1 067	61	143	139	113	611
65 years and over	846	8	11	96	275	456	850	79	67	102	124	478
Female householder, no husband present	7 510	248	561	1 267	2 030	3 404	10 532	628	1 533	1 642	1 875	4 854
15 to 24 years	97	23	4	5	33	32	1 611	62	163	235	416	735
25 to 34 years	784	70	125	180	194	215	2 034	99	278	319	412	926
35 to 44 years	1 110	55	198	394	237	226	1 148	60	132	185	208	563
45 to 64 years	2 650	85	169	460	890	1 046	2 466	99	298	334	360	1 375
65 years and over	2 869	15	65	228	676	1 885	3 273	308	662	569	479	1 255
Median age	46.8	34.1	38.4	44.2	51.7	54.9	39.2	50.5	38.0	36.5	35.0	41.2
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	3 784	1 071	460	705	734	814	8 549	669	1 390	1 331	1 441	3 718
1975 to 1978	10 670	2 458	1 548	2 454	1 989	2 221	9 237	770	1 476	1 623	1 452	3 916
1970 to 1974	8 648	—	3 237	2 003	1 456	1 952	3 637	—	753	619	520	1 745
1960 to 1969	13 135	—	—	7 149	2 897	3 089	2 419	—	—	468	479	1 472
1959 or earlier	12 342	—	—	—	5 245	7 097	1 849	—	—	—	386	1 463
ROOMS												
1 room	16	—	—	13	—	3	514	25	69	63	53	304
2 rooms	64	13	—	12	32	7	1 424	192	357	244	159	472
3 rooms	449	87	29	22	123	188	5 125	440	1 085	800	640	2 160
4 rooms	3 594	304	259	580	1 463	988	9 015	568	1 536	2 030	1 436	3 445
5 rooms	9 368	481	733	1 857	3 707	2 590	5 515	123	435	573	1 129	3 255
6 rooms	13 426	983	1 241	3 256	3 865	4 081	2 845	51	80	201	682	1 831
7 or more rooms	21 662	1 661	2 983	6 571	3 131	7 316	1 253	40	57	130	179	847
Median	6.3	6.4	6.8	6.6	5.7	6.4	4.1	3.6	3.7	3.9	4.4	4.4
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	48 379	3 514	5 245	12 306	12 284	15 030	25 021	1 439	3 551	4 008	4 187	11 836
0.50 or less	26 460	1 961	2 709	5 787	6 645	9 358	14 901	1 006	2 268	2 385	2 262	6 980
0.51 to 1.00	20 910	1 518	2 495	6 213	5 370	5 314	9 113	421	1 237	1 497	1 661	4 297
1.01 to 1.50	927	35	35	287	232	338	856	12	3	123	226	100
1.51 or more	82	—	6	19	37	20	151	—	10	3	38	100
Lacking complete plumbing for exclusive use	200	15	—	5	37	143	670	—	68	33	91	478
0.50 or less	152	9	—	5	23	115	314	—	26	18	51	219
0.51 to 1.00	43	6	—	—	14	23	286	—	25	10	30	221
1.01 to 1.50	5	—	—	—	—	5	53	—	17	—	10	26
1.51 or more	—	—	—	—	—	—	17	—	—	5	—	12
PERSONS IN UNIT												
1 person	4 711	256	271	639	1 395	2 150	9 087	670	1 568	1 401	1 262	4 186
2 persons	12 314	970	1 080	2 407	3 564	4 293	7 158	439	1 102	1 213	1 171	3 233
3 persons	9 136	676	958	2 105	2 521	2 876	4 229	207	496	789	824	1 913
4 persons	10 833	897	1 559	3 386	2 378	2 613	2 717	49	308	374	494	1 492
5 persons	7 036	488	994	2 329	1 515	1 710	1 427	49	131	167	236	844
6 or more persons	4 549	242	383	1 445	948	1 531	1 073	25	14	97	291	646
Median	3.30	3.30	3.70	3.80	2.98	2.90	2.03	1.61	1.72	2.01	2.25	2.11
Total persons	166 057	12 105	19 052	46 335	39 300	49 265	61 460	2 809	7 220	9 414	11 252	30 765
UNITS IN STRUCTURE												
1, detached or attached	44 223	3 013	4 766	11 979	11 954	12 511	3 577	116	172	601	1 173	1 515
2	2 710	73	78	184	263	2 112	5 952	75	213	565	1 023	4 076
3 and 4	563	14	28	17	54	450	4 174	60	39	136	705	3 234
5 to 9	158	60	15	15	11	57	3 599	92	270	417	610	2 210
10 to 49	497	270	121	49	26	31	6 776	819	2 202	1 970	652	1 133
50 or more	29	24	—	—	—	5	1 570	271	717	324	112	146
Mobile home or trailer, etc.	399	75	237	67	13	7	43	6	6	28	3	—
SELECTED CHARACTERISTICS												
Heating equipment	48 563	3 529	5 245	12 311	12 321	15 157	25 664	1 439	3 619	4 041	4 266	12 299
Steam or hot water system	25 259	1 305	1 223	5 548	7 132	10 051	12 114	701	1 126	1 903	2 168	6 216
Central warm-air furnace or electric heat pump	17 300	1 731	2 526	5 545	4 157	3 341	4 869	437	843	1 018	881	1 690
Other built-in electric units	2 625	281	1 169	714	296	165	2 711	185	1 419	756	151	200
Floor, wall, or pipeless furnace	685	14	12	110	220	329	699	14	93	122	172	298
Other means	2 694	198	315	394	516	1 271	5 271	102	138	242	894	3 895
Air conditioning	22 690	1 874	2 849	6 348	5 922	5 697	10 396	1 097	2 831	2 569	1 058	2 841
Central system	1 899	450	410	500	339	200	1 128	232	361	365	53	117
1 or more individual room units	20 791	1 424	2 439	5 848	5 583	5 497	9 268	865	2 470	2 204	1 005	2 724
House heating fuel	48 563	3 529	5 245	12 311	12 321	15 157	25 664	1 439	3 619	4 041	4 266	12 299
Utility gas	25 126	2 101	3 125	8 294	4 664	6 942	15 138	1 034	1 361	2 243	2 332	8 168
Battled, tank, or LP gas	339	28	6	44	111	150	350	20	38	68	94	130
Electricity	2 901	349	1 236	773	334	209	3 384	255	1 795	878	187	269
Fuel oil, kerosene, etc.	19 080	955	707	2 934	7 004	7 480	6 610	125	393	819	1 616	3 657
Other	1 117	96	171	266	208	376	182	5	32	33	37	75
Income in 1979 below poverty level	2 088	61	135	428	640	824	4 553	243	510	500	963	2 337
Percent below poverty level	4.3	1.7	2.6	3.5	5.2	5.4	17.7	16.9	14.1	12.4	22.5	19.0
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	2 571	65	101	394	810	1 201	5 439	373	743	746	941	2 636
\$5,000 to \$9,999	3 622	109	173	544	970	1 826	5 625	341	712	816	973	2 783
\$10,000 to \$12,499	2 184	97	119	407	607	954	2 825	92	442	422	529	1 340
\$12,500 to \$14,999	2 296	106	215	396	748	831	1 981	62	281	363	362	913
\$15,000 to \$19,999	6 555	439	604	1 349	1 778	2 385	4 345	215	569	708	681	2 172
\$20,000 to \$24,999	8 103	609	1 037	2 015	2 032	2 410	2 772	184	452	515	389	1 232
\$25,000 to \$34,999	12 897	1 208	1 773	3 659	3 165	3 092	2 062	139	307	367	308	941
\$35,000 to \$49,999	7 747	619	987	2 581	1 777	1 783	547	33	92	85	82	255
\$50,000 or more	2 604	277	236	966	434	691	95	—	21	19	13	42
Median	\$24 315	\$27 769	\$26 533	\$27 392	\$23 023	\$20 685	\$11 577	\$10 149	\$12 005	\$12 751	\$11 063	\$11 377
Mean	\$25 664	\$29 110	\$28 007	\$29 174	\$24 089	\$22 483	\$13 229	\$12 990	\$13 641	\$14 240	\$12 631	\$13 013

Table A—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	48 579	44 223	3 957	399	25 691	3 577	5 952	4 174	3 599	6 776	1 570	43
Condominium housing units	597	152	445	—	105	6	—	—	12	81	6	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	37 917	35 117	2 553	247	10 029	1 672	3 222	1 597	1 189	2 022	297	30
15 to 24 years	654	577	72	5	1 427	155	479	168	171	443	5	6
25 to 34 years	8 812	8 227	521	64	3 637	533	1 188	617	410	858	28	3
35 to 44 years	9 765	9 264	461	40	1 542	417	456	297	197	156	19	—
45 to 64 years	14 988	13 742	1 148	98	2 156	406	810	332	226	314	47	21
65 years and over	3 698	3 307	351	40	1 267	161	289	183	185	251	198	—
Male householder, no wife present	3 152	2 658	447	47	5 130	594	824	828	717	1 826	341	—
15 to 24 years	130	69	53	8	1 083	90	154	206	169	420	44	—
25 to 34 years	623	456	167	—	1 486	194	289	256	173	517	57	—
35 to 44 years	418	361	47	10	644	89	92	85	58	295	25	—
45 to 64 years	1 135	1 005	112	18	1 067	143	162	168	195	332	67	—
65 years and over	846	767	68	11	850	78	127	113	122	262	148	—
Female householder, no husband present	7 510	6 448	957	105	10 532	1 311	1 906	1 749	1 693	2 928	932	13
15 to 24 years	97	52	41	4	1 611	168	244	363	386	433	17	—
25 to 34 years	784	647	117	20	2 034	327	359	384	334	590	34	6
35 to 44 years	1 110	996	87	27	1 148	227	249	192	154	293	33	—
45 to 64 years	2 650	2 299	311	40	2 466	308	564	425	329	694	146	—
65 years and over	2 869	2 454	401	14	3 273	281	490	385	490	918	702	7
Median age	46.8	46.5	51.3	52.1	39.2	39.3	37.5	36.6	38.8	36.4	70.1	52.2
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	3 784	3 183	559	42	8 549	963	1 612	1 520	1 394	2 725	320	15
1975 to 1978	10 670	9 638	868	164	9 237	1 234	2 164	1 316	1 162	2 604	744	13
1970 to 1974	8 648	7 948	536	164	3 637	547	781	543	411	1 000	340	15
1960 to 1969	13 135	12 502	619	14	2 419	424	639	513	360	343	140	—
1959 or earlier	12 342	10 952	1 375	15	1 849	409	756	282	272	104	26	—
ROOMS												
1 room	16	13	3	—	514	26	12	43	51	287	95	—
2 rooms	64	38	26	—	1 424	95	105	118	280	493	312	21
3 rooms	449	307	122	20	5 125	180	449	867	971	1 885	773	—
4 rooms	3 594	2 677	709	208	9 015	903	1 723	1 334	1 385	3 346	305	19
5 rooms	9 368	8 104	1 155	109	5 515	883	2 038	1 123	756	648	64	3
6 rooms	13 426	12 327	1 050	49	2 845	776	1 301	571	107	69	21	—
7 or more rooms	21 662	20 757	892	13	1 253	714	324	118	49	48	—	—
Median	6.3	6.4	5.5	4.4	4.1	5.2	4.8	4.3	3.9	3.7	3.0	3.5
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	48 379	44 110	3 870	399	25 021	3 573	5 870	4 044	3 489	6 454	1 548	43
0.50 or less	26 400	23 836	2 340	284	14 901	1 950	3 356	2 160	2 074	4 187	1 155	19
0.51 to 1.00	20 910	19 406	1 396	108	9 113	1 401	2 235	1 655	1 297	2 141	375	9
1.01 to 1.50	927	800	120	7	856	260	198	87	105	6	15	—
1.51 or more	82	68	14	—	151	37	19	31	31	21	12	—
Lacking complete plumbing for exclusive use	200	113	87	—	670	4	82	130	110	322	22	—
0.50 or less	152	99	53	—	314	4	22	91	49	138	10	—
0.51 to 1.00	43	14	29	—	286	—	60	23	35	156	12	—
1.01 to 1.50	5	—	5	—	53	—	—	16	20	17	—	—
1.51 or more	—	—	—	—	17	—	—	—	6	11	—	—
BEDROOMS												
None	21	18	3	—	647	49	12	64	82	323	117	—
1	1 698	1 293	375	30	7 936	375	1 100	1 355	1 435	2 598	1 052	19
2	9 458	7 539	1 591	328	10 798	1 228	2 647	1 555	1 446	3 558	345	21
3	24 943	23 464	1 438	41	5 137	1 382	1 899	1 002	576	224	51	3
4	10 442	10 061	381	—	957	450	254	157	53	38	5	—
5 or more	2 017	1 848	169	—	216	93	40	41	7	35	—	—
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	2 571	2 270	294	7	5 439	625	838	823	1 026	1 387	740	—
\$5,000 to \$9,999	3 622	3 094	490	38	5 625	713	1 069	1 008	956	1 403	466	10
\$10,000 to \$12,499	2 184	1 907	246	31	2 825	332	618	438	495	795	141	6
\$12,500 to \$14,999	2 286	1 995	224	77	1 981	218	531	468	219	504	41	—
\$15,000 to \$19,999	6 555	5 825	648	82	4 345	619	1 291	682	421	1 244	82	6
\$20,000 to \$24,999	8 103	7 392	636	75	2 772	371	853	405	268	815	54	6
\$25,000 to \$34,999	12 897	12 003	826	68	2 062	490	607	279	163	498	40	15
\$35,000 to \$49,999	7 747	7 287	439	21	547	167	132	67	114	6	—	—
\$50,000 or more	2 604	2 450	154	—	95	42	13	10	14	—	—	—
Median	\$24 315	\$24 735	\$20 506	\$17 076	\$11 577	\$13 859	\$14 623	\$11 461	\$8 890	\$11 881	\$5 387	\$19 792
Mean	\$25 664	\$26 053	\$21 982	\$19 003	\$13 229	\$16 130	\$14 919	\$12 642	\$10 869	\$13 122	\$7 508	\$18 464
SELECTED CHARACTERISTICS												
Heating equipment	48 563	44 207	3 957	399	25 664	3 577	5 952	4 166	3 580	6 776	1 570	43
Steam or hot water system	25 259	22 881	2 341	37	12 114	1 713	3 111	1 695	1 734	3 405	456	—
Central warm-air furnace or electric heat pump	17 300	16 100	893	307	4 869	1 067	1 116	524	429	1 278	415	40
Other built-in electric units	2 625	2 357	268	—	2 711	102	175	118	257	1 446	613	—
Floor, wall, or pipeless furnace	685	634	51	—	699	104	120	145	136	153	41	—
Other means	2 694	2 235	404	55	5 271	591	1 430	1 684	1 024	494	45	3
Air conditioning	22 690	20 477	1 939	274	10 396	996	1 738	898	863	4 855	1 012	34
Central system	1 899	1 552	266	81	1 128	58	40	39	91	612	288	—
Vehicles available	46 479	42 500	3 580	399	18 860	2 907	4 888	3 004	2 275	5 111	639	36
1	14 455	12 530	1 724	201	12 860	1 655	2 990	2 127	1 762	3 764	550	12
2 or more	32 024	29 970	1 856	198	6 000	1 252	1 898	877	513	1 347	89	24
House heating fuel	48 563	44 207	3 957	399	25 664	3 577	5 952	4 166	3 580	6 776	1 570	43
Utility gas	25 126	22 687	2 432	7	15 138	1 574	4 066	3 052	2 291	3 740	415	—
Bottled, tank, or LP gas	339	309	23	7	350	81	58	69	63	64	12	3
Electricity	2 901	2 604	297	—	3 384	113	226	143	310	1 752	834	6
Fuel oil, kerosene, etc.	19 080	17 508	1 187	385	6 610	1 735	1 566	897	878	1 191	309	34
Other	1 117	1 099	18	—	182	74	36	5	38	29	—	—
Water heating fuel	48 533	44 177	3 957	399	25 643	3 577	5 945	4 153	3 593	6 762	1 570	43
Utility gas	26 767	24 021	2 723	23	16 326	1 811	4 442	3 079	2 476	4 057	461	—
Bottled, tank, or LP gas	1 340	1 119	82	139	664	217	118	129	70	118	5	7
Electricity	8 571	7 856	485	230	4 404	682	497	334	370	1 673	818	30
Fuel oil, kerosene, etc.	11 749	11 075	667	7	4 216	867	874	606	670	907	286	6
Other	106	106	—	—	33	—	14	5	7	7	—	—
Family householder	43 239	39 920	3 016	303	15 066	2 546	4 380	2 541	1 981	3 128	460	30
With own children under 18 years	24 843	23 302	1 441	100	8 834	1 651	2 534	1 699	1 223	1 602	116	9
With own children under 6 years	8 541	7 950	517	74	4 905	824	1 469	941	717	903	48	3
Female householder, no husband present	4 214	3 773	390	51	4 365	754	1 001	811	701	994	104	—
With own children under 18 years	1 973	1 802	140	31	3 171	600	674	622	530	688	57	—
With own children under 6 years	258	189	52	17	1 299	276	280	250	259	218	16	—
Nonfamily householder	5 340	4 303	941	96	10 625	1 031	1 572	1 633	1 618	3 648	1 110	13
Income in 1979 below poverty level	2 088	1 837	244	7	4 553	702	820	792	910	1 004	325	—
Percent below poverty level	4.3	4.2	6.2	1.8	17.7	19.6	13.8	19.0	25.3	14.8	20.7	—

Table A—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	48 579	4 711	12 314	9 136	10 833	7 036	2 763	1 213	573	3.30	166 057
Nonrelatives present	1 329	—	517	239	209	112	137	45	70	3.12	5 074
ROOMS											
1 to 3 rooms	529	248	185	69	17	5	—	—	5	1.59	985
4 rooms	3 594	977	1 577	651	293	52	32	12	—	2.02	7 978
5 rooms	9 368	1 313	3 072	1 969	1 722	936	256	82	18	2.65	27 888
6 rooms	13 426	1 064	3 641	2 746	3 154	1 919	563	238	101	3.23	45 157
7 rooms	11 437	567	2 516	1 968	2 959	2 106	872	344	105	3.73	41 555
8 or more rooms	10 225	542	1 323	1 733	2 688	2 018	1 040	537	344	4.06	42 494
Median	6.3	5.4	5.9	6.2	6.6	6.8	7.1	7.3	7.9	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	48 379	4 638	12 248	9 118	10 819	7 027	2 748	1 208	573	3.30	165 498
1.00 or less	47 370	4 638	12 239	9 105	10 802	6 970	2 465	876	275	3.25	157 821
1.01 to 1.50	927	—	—	6	17	52	283	320	249	6.83	7 040
1.51 or more	82	—	9	7	—	5	—	12	49	7.94	637
Lacking complete plumbing for exclusive use	200	73	66	18	14	9	15	5	—	1.91	559
1.00 or less	195	73	66	18	14	9	10	5	—	1.87	516
1.01 to 1.50	5	—	—	—	—	—	5	—	—	6.00	43
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	44 223	3 856	10 990	8 278	10 183	6 663	2 597	1 129	527	3.38	149 094
2 or more	3 957	779	1 134	773	614	366	161	84	46	2.58	16 036
Mobile home or trailer, etc.	399	76	190	85	36	7	5	—	—	2.15	927
VALUE											
Specified owner-occupied housing units	41 669	3 640	10 213	7 820	9 620	6 359	2 469	1 084	464	3.39	138 567
Less than \$10,000	268	77	85	61	22	—	17	6	—	2.17	617
\$10,000 to \$19,999	796	216	281	116	114	44	5	13	7	2.15	1 835
\$20,000 to \$29,999	3 357	651	1 115	528	409	404	137	96	17	2.42	8 709
\$30,000 to \$39,999	6 749	927	1 805	1 272	1 268	858	379	179	61	3.01	19 472
\$40,000 to \$49,999	9 216	701	2 291	1 759	2 206	1 258	535	301	165	3.42	30 776
\$50,000 to \$59,999	8 626	579	2 087	1 749	2 026	1 447	467	165	106	3.44	29 812
\$60,000 to \$79,999	9 541	419	2 026	1 857	2 607	1 628	705	220	79	3.68	34 639
\$80,000 to \$99,999	2 240	56	358	334	677	555	156	79	25	4.05	8 834
\$100,000 to \$149,999	814	14	165	123	280	140	63	25	4	3.88	3 612
\$150,000 or more	62	—	—	21	11	25	5	—	—	4.41	261
Median	\$50 400	\$39 500	\$48 100	\$50 800	\$53 400	\$53 600	\$52 800	\$48 500	\$48 400	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	48 579	4 711	12 314	9 136	10 833	7 036	2 763	1 213	573	3.30	166 057
Median income	\$24 315	\$8 655	\$20 579	\$25 858	\$26 617	\$27 504	\$30 353	\$31 462	\$32 964	...	...
Median selected monthly owner costs as percentage of household income	19.6	36.0	19.7	18.3	19.7	18.9	17.0	14.9	15.2	...	...
With a mortgage	20.4	34.4	21.4	20.8	20.5	19.4	17.5	16.6	15.8	...	...
Not mortgaged	15.5	37.1	16.5	11.4	11.1	11.8	10—	10—	11.2	...	...
Income in 1979 below poverty level	2 088	699	537	243	293	196	61	28	31	2.14	...
Median income	\$3 255	\$2 713	\$3 247	\$2 841	\$3 715	\$5 192	\$7 813	\$7 813	\$13 315	...	...
Median selected monthly owner costs as percentage of household income	50+	50+	50+	50+	50+	50+	50+	50+	32.9	...	...
With a mortgage	50+	50+	50+	50+	50+	50+	50+	50+	34.6	...	...
Not mortgaged	50+	50+	50+	50+	50+	24.5	—	—	27.5	...	...
Renter-occupied housing units	25 691	9 087	7 158	4 229	2 717	1 427	678	231	164	2.03	61 460
Nonrelatives present	2 238	—	1 260	497	221	139	69	34	18	2.39	6 523
ROOMS											
1 room	514	488	17	—	—	9	—	—	—	1.03	579
2 rooms	1 424	1 180	195	35	7	—	—	7	—	1.10	1 748
3 rooms	5 125	3 485	1 342	217	50	31	—	—	—	1.24	7 139
4 rooms	9 015	2 518	3 292	2 009	846	270	48	29	3	2.10	20 350
5 rooms	5 515	925	1 461	1 101	1 068	538	296	66	60	2.84	16 745
6 rooms	2 845	374	622	613	532	371	206	76	51	3.20	9 856
7 or more rooms	1 253	117	229	254	214	208	128	53	50	3.62	5 043
Median	4.1	3.3	4.1	4.4	4.9	5.3	5.5	5.7	5.9	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	25 021	8 672	7 093	4 170	2 650	1 382	665	225	164	2.04	60 194
1.00 or less	24 014	8 672	7 082	4 142	2 613	1 103	621	53	28	1.97	54 222
1.01 to 1.50	856	—	—	28	30	250	344	136	68	5.85	4 998
1.51 or more	151	—	11	—	7	29	—	36	68	7.29	974
Lacking complete plumbing for exclusive use	670	415	65	59	67	45	13	6	—	1.31	1 266
1.00 or less	600	415	59	52	47	14	13	—	—	1.22	980
1.01 to 1.50	53	—	—	7	20	20	—	6	—	4.47	219
1.51 or more	17	—	6	—	—	11	—	—	—	4.73	67
UNITS IN STRUCTURE											
1, detached or attached	3 577	805	834	732	479	357	232	71	67	2.70	11 143
2	5 952	1 341	1 839	1 115	921	435	231	32	38	2.39	16 322
3 and 4	4 174	1 324	1 081	729	495	284	163	57	41	2.21	10 708
5 to 9	3 599	1 421	966	593	342	186	29	57	5	1.89	7 964
10 to 49	6 776	3 091	2 094	971	427	148	18	14	13	1.64	12 859
50 or more	1 570	1 092	338	74	44	17	5	—	—	1.22	2 365
Mobile home or trailer, etc.	43	13	6	15	9	—	—	—	—	2.67	99
GROSS RENT											
Specified renter-occupied housing units	25 432	9 054	7 068	4 180	2 691	1 398	659	231	151	2.02	60 566
Less than \$100	2 167	1 595	238	128	126	34	14	18	14	1.18	3 603
\$100 to \$149	1 472	872	358	101	67	61	13	—	—	1.34	2 433
\$150 to \$199	3 183	1 610	857	313	228	110	40	18	7	1.49	6 103
\$200 to \$249	4 792	1 797	1 481	776	408	188	90	19	33	1.90	10 441
\$250 to \$299	5 749	1 614	1 889	1 142	627	283	106	55	33	2.17	13 903
\$300 to \$349	4 068	883	1 333	868	582	230	109	45	18	2.36	10 825
\$350 to \$399	1 740	307	391	349	295	247	127	14	10	2.99	5 648
\$400 to \$499	1 132	130	242	272	212	122	89	35	30	3.21	4 043
\$500 or more	383	42	61	56	100	57	41	20	6	3.82	1 530
No cash rent	746	204	218	175	46	66	30	7	—	2.28	2 037
Median	\$257	\$210	\$264	\$281	\$291	\$298	\$324	\$302	\$286	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	25 691	9 087	7 158	4 229	2 717	1 427	678	231	164	2.03	61 460
Median income	\$11 577	\$6 901	\$14 414	\$14 984	\$15 891	\$15 599	\$16 742	\$17 050	\$15 972	...	...
Median gross rent as percentage of household income	24.5	28.9	22.1	22.9	21.9	22.6	23.8	21.1	23.2	...	...
Income in 1979 below poverty level	4 553	1 608	909	769	595	376	150	86	60	2.24	...
Median income	\$3 552	\$2500—	\$3 482	\$3 837	\$5 076	\$5 842	\$6 458	\$6 607	\$9 352	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	50+	50+	50+	50+	29.2	...	...

Table A—10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The SMSA	Owner-occupied housing units																	Median age
	Married-couple families						Male householder, no wife present					Female householder, no husband present						
	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over		
48 579	654	8 812	9 765	14 988	3 698	48 579	130	623	418	1 135	846	97	784	1 110	2 650	2 869	46.8	
4 711	301	1 908	2 029	3 955	2 655	4 711	67	400	193	534	551	27	126	107	931	1 775	64.7	
12 314	202	2 029	1 099	3 605	2 655	12 314	38	181	81	290	204	48	231	190	798	763	57.5	
9 136	138	3 062	3 335	3 205	1 66	9 136	5	29	47	144	51	16	205	229	479	217	48.9	
10 833	7	1 408	2 896	2 188	54	10 833	5	4	25	33	6	6	156	281	245	30	39.9	
7 036	6	405	1 764	2 035	22	7 036	1	9	13	34	3	—	55	176	129	54	41.7	
4 549	2,633	3,655	4,433	5,487	8 802	4 549	1,47	1,28	1,70	1,62	1,27	1,95	1,27	3,60	30	44.7		
3,30	1 822	31 659	44 105	56 787	8 802	3,30	282	987	919	2 326	1 239	229	2 154	4 042	5 978	4 726	3.30	
166 057						166 057											65.7	
48 379	647	8 801	9 759	14 945	3 669	48 379	130	619	418	1 106	835	97	784	1 105	2 645	2 819	46.8	
1 009	6	63	382	437	29	1 009	—	13	—	14	—	—	10	27	14	4	45.1	
200	7	11	6	43	5	200	—	4	—	29	11	—	—	5	5	50	63.5	
5	—	—	—	—	—	5	—	—	—	—	—	—	—	—	—	—	52.5	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																		
Specified owner-occupied housing units																		
With a mortgage																		
41 669	547	7 887	8 817	12 784	3 142	41 669	65	383	323	895	710	48	624	931	2 165	2 348	46.3	
31 683	518	7 685	8 390	9 642	2 854	31 683	55	364	273	592	498	48	595	856	1 261	1 352	41.8	
8 356	26	567	2 170	4 645	234	8 356	4	44	24	145	44	5	56	78	202	45	48.2	
15 to 19 percent	6 916	79	1 588	2 323	2 185	6 916	13	60	51	122	16	7	33	122	158	32	42.0	
20 to 24 percent	5 807	105	1 984	1 700	1 984	5 807	—	65	61	99	8	—	60	122	158	32	38.1	
25 to 29 percent	3 891	99	1 509	992	662	3 891	—	83	50	91	7	—	19	121	129	35	36.8	
30 to 34 percent	2 096	68	527	271	481	2 096	—	43	27	23	—	—	40	94	139	16	36.0	
35 percent or more	4 466	141	1 215	653	542	4 466	38	69	55	107	113	31	370	368	377	149	37.9	
Not computed	15.1	—	8	25	36	15.1	—	—	—	—	—	5	17	12	13	13	51.3	
Median	20.4	27.5	24.2	19.3	15.4	20.4	44.6	25.8	22.9	21.3	39.7	50+	43.8	32.1	25.8	29.4	64.3	
Not mortgaged	9 986	29	202	427	9 986	9 986	10	19	50	303	512	—	29	75	904	1 996	58.6	
Less than 10 percent	2 375	12	43	148	1 376	2 375	—	6	16	73	55	—	6	—	119	16	58.6	
10 to 14 percent	2 431	12	62	154	1 061	2 431	—	—	16	71	82	—	—	24	250	257	60.1	
15 to 19 percent	1 298	—	42	75	318	1 298	—	6	16	57	47	—	6	13	195	168	63.2	
20 to 24 percent	866	—	29	12	163	866	5	7	5	24	38	—	6	6	47	194	67.9	
25 to 29 percent	570	—	9	27	84	570	—	—	—	20	11	—	—	—	59	132	67.3	
30 to 34 percent	467	—	11	—	46	467	—	—	—	6	63	—	—	—	151	151	72.7	
35 percent or more	1 863	5	—	6	89	1 863	—	—	—	52	203	—	—	26	223	860	72.0	
Not computed	11.6	—	6	11	5	11.6	—	—	—	—	—	—	—	—	—	—	75.5	
Median	15.5	11.0	14.4	12.1	10.9	15.5	25.0	17.9	13.5	15.7	31.3	—	37.1	20.4	17.1	31.6	—	
25 691	1 427	3 637	1 542	2 156	1 267	25 691	1 083	1 486	644	1 067	850	1 611	2 034	1 148	2 466	3 273	39.2	
Renter-occupied housing units																		
PERSONS IN UNIT																		
9 087	640	1 026	196	879	1 054	9 087	499	1 002	471	762	730	598	577	206	1 350	2 892	58.0	
7 158	539	965	196	346	166	7 158	116	110	38	102	32	582	587	195	616	302	34.9	
4 229	197	383	368	368	166	4 229	24	27	19	19	—	332	485	260	278	64	31.0	
2 717	47	470	334	165	7	2 717	11	13	165	20	3	81	230	188	150	6	33.3	
1 073	4	185	433	198	6	1 073	3	8	11	13	—	10	108	171	33	3	35.9	
2,033	2,644	3,322	4,499	5,487	8 802	2,033	1,60	1,24	1,18	1,20	1,08	1,86	2,25	3,17	1,41	1,07	39.4	
61 460	3 860	12 531	7 040	7 403	2 758	61 460	1 941	2 264	993	1 692	924	3 144	4 929	3 802	4 394	3 785	65.7	
PLUMBING FACILITIES BY PERSONS PER ROOM																		
25 021	394	3 601	1 502	2 106	1 239	25 021	1 053	1 417	594	1 000	768	1 566	1 995	1 143	2 455	3 188	39.1	
1 007	17	289	289	137	9	1 007	16	69	50	20	—	8	56	95	44	9	37.5	
670	33	36	40	50	28	670	30	7	—	67	82	45	39	5	11	85	43.7	
70	5	12	20	10	—	70	—	—	—	—	—	6	10	—	—	—	33.7	
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																		
Specified renter-occupied housing units																		
25 432	1 427	3 586	1 508	2 122	1 240	25 432	1 080	1 454	632	1 060	845	1 611	2 034	1 138	2 433	3 262	39.1	
3 908	269	831	339	655	274	3 908	134	231	125	142	108	117	125	145	124	131	38.7	
4 410	308	913	332	529	237	4 410	137	301	110	216	105	164	269	148	271	230	34.8	
4 266	266	651	220	288	195	4 266	158	301	145	136	149	154	314	147	443	699	39.3	
2 627	199	320	203	155	165	2 627	105	131	71	82	105	172	187	86	246	400	40.7	
1 818	121	260	45	69	94	1 818	74	81	50	101	55	105	157	120	218	268	39.3	
2 805	122	234	113	144	129	2 805	165	101	50	152	123	210	306	157	348	446	43.1	
4 414	129	277	174	140	149	4 414	186	131	55	172	164	627	596	304	448	862	39.3	
1 184	13	100	82	142	97	1 184	61	97	26	54	36	62	60	52	76	226	50.8	
24.5	22.4	20.0	21.0	18.2	24.1	24.5	26.0	21.1	22.3	25.5	27.0	38.6	32.3	31.6	26.7	22.6	—	

Table A — 11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

	Total	Male householder						Female householder					
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
Owner-occupied housing units	4 711	1 745	67	400	193	534	551	2 966	27	126	107	931	1 775
PLUMBING FACILITIES													
Complete plumbing for exclusive use	4 638	1 709	67	396	193	513	540	2 929	27	126	102	926	1 748
Locking complete plumbing for exclusive use	73	36	—	4	—	21	11	37	—	—	5	5	27
UNITS IN STRUCTURE													
1, detached or attached	3 856	1 435	46	284	155	452	498	2 421	22	78	85	739	1 497
2 or more	779	282	21	116	34	69	42	497	5	41	15	166	270
Mobile home or trailer, etc.	76	28	—	—	4	13	11	48	—	7	7	26	8
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	1 464	289	14	17	—	60	198	1 175	7	13	24	197	934
\$5,000 to \$9,999	1 125	292	4	25	5	71	187	833	5	11	7	245	565
\$10,000 to \$12,499	403	152	20	14	16	81	21	251	10	15	12	137	77
\$12,500 to \$14,999	361	146	7	48	9	50	32	215	—	6	21	140	48
\$15,000 to \$19,999	643	353	10	136	38	115	54	290	5	63	12	112	98
\$20,000 to \$24,999	325	215	6	61	49	68	31	110	—	12	20	69	9
\$25,000 to \$34,999	282	217	—	89	60	58	10	65	—	6	11	22	26
\$35,000 to \$49,999	75	48	6	10	8	11	13	27	—	—	—	9	18
\$50,000 or more	33	33	—	—	8	20	5	—	—	—	—	—	—
Median	\$8 655	\$14 889	\$11 937	\$18 947	\$22 950	\$15 291	\$6 811	\$6 467	\$10 375	\$16 047	\$13 750	\$10 429	\$4 843
Mean	\$11 322	\$15 945	\$13 931	\$18 774	\$23 722	\$17 634	\$9 773	\$8 602	\$9 624	\$15 102	\$13 568	\$10 973	\$6 582
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	3 640	1 316	42	245	155	408	466	2 324	18	73	66	711	1 456
With a mortgage	1 388	763	37	238	134	217	137	625	18	68	60	324	155
Less than \$200	61	36	—	14	—	—	22	25	—	—	—	19	6
\$200 to \$249	155	76	—	5	—	40	31	79	—	—	—	50	29
\$250 to \$299	219	94	—	7	5	46	36	125	7	8	—	63	47
\$300 to \$349	168	101	—	38	18	37	8	67	—	—	7	46	14
\$350 to \$399	186	94	13	15	20	18	28	92	5	5	14	45	23
\$400 to \$499	280	162	—	96	22	32	12	118	—	13	39	52	14
\$500 to \$599	198	114	13	35	33	33	—	84	6	23	—	49	6
\$600 to \$749	71	49	5	28	5	11	—	22	—	6	—	—	16
\$750 or more	50	37	6	—	31	—	—	13	—	13	—	—	—
Median	\$374	\$390	\$542	\$454	\$506	\$330	\$272	\$359	\$370	\$535	\$414	\$333	\$295
Not mortgaged	2 252	553	5	7	21	191	329	1 699	5	6	6	387	1 301
Less than \$50	7	7	—	—	—	—	7	—	—	—	—	—	—
\$50 to \$74	24	—	—	—	—	—	—	24	—	—	—	—	24
\$75 to \$99	61	16	—	—	—	—	16	45	—	—	—	—	45
\$100 to \$124	117	26	—	—	—	6	20	91	—	—	—	28	63
\$125 to \$149	179	45	—	—	—	40	5	134	—	—	—	20	114
\$150 to \$199	877	204	—	—	21	72	111	673	—	5	6	124	538
\$200 to \$249	592	159	5	—	—	54	100	433	—	—	—	166	267
\$250 or more	395	96	—	7	—	19	70	299	—	—	—	49	250
Median	\$192	\$195	\$225	\$250+	\$175	\$184	\$203	\$191	—	\$175	\$175	\$206	\$188
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	36.0	27.9	44.2	28.6	23.8	22.0	37.3	40.9	50+	40.4	47.1	32.1	44.8
With a mortgage	34.4	28.3	46.3	28.8	25.4	24.6	43.0	44.2	50+	39.5	42.9	34.9	50+
Not mortgaged	37.1	25.4	27.5	22.5	10—	17.6	35.3	40.0	—	45.0	50+	25.5	42.9
Income in 1979 below poverty level	699	135	6	17	—	30	82	564	7	—	18	123	416
Percent below poverty level	14.8	7.7	9.0	4.3	—	5.6	14.9	19.0	25.9	—	16.8	13.2	23.4
Renter-occupied housing units	9 087	3 464	499	1 002	471	762	730	5 623	598	577	206	1 350	2 892
PLUMBING FACILITIES													
Complete plumbing for exclusive use	8 672	3 191	469	951	421	702	648	5 481	567	561	201	1 339	2 813
Locking complete plumbing for exclusive use	415	273	30	51	50	60	82	142	31	16	5	11	79
UNITS IN STRUCTURE													
1, detached or attached	805	310	25	110	46	62	67	495	36	72	30	124	233
2	1 341	548	46	224	81	123	74	793	56	45	15	285	392
3 and 4	1 324	501	70	162	54	130	85	823	112	105	54	217	335
5 to 9	1 421	512	118	112	35	137	110	909	163	110	47	170	419
10 to 49	3 091	1 329	217	365	244	257	246	1 762	224	223	44	446	825
50 or more	1 092	264	23	29	11	53	148	828	7	16	16	108	681
Mobile home or trailer, etc.	13	—	—	—	—	—	—	13	—	6	—	—	7
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	3 574	875	101	145	54	174	401	2 699	131	58	56	477	1 977
\$5,000 to \$9,999	2 389	811	156	164	49	229	213	1 578	258	123	52	435	710
\$10,000 to \$12,499	1 224	594	125	193	94	144	38	630	152	143	41	191	103
\$12,500 to \$14,999	507	250	42	130	47	25	6	257	23	110	6	74	44
\$15,000 to \$19,999	850	528	63	192	123	115	35	322	34	102	35	110	41
\$20,000 to \$24,999	314	226	5	128	55	38	—	88	—	41	16	24	7
\$25,000 to \$34,999	156	114	7	38	38	25	6	42	—	—	—	32	10
\$35,000 to \$49,999	53	46	—	12	11	5	18	—	—	—	—	7	—
\$50,000 or more	20	20	—	—	—	7	13	—	—	—	—	—	—
Median	\$6 901	\$10 194	\$9 845	\$12 487	\$14 548	\$9 225	\$4 720	\$5 323	\$8 520	\$11 879	\$9 554	\$7 521	\$4 247
Mean	\$8 658	\$11 237	\$9 498	\$12 834	\$14 686	\$10 671	\$8 597	\$7 070	\$8 102	\$11 909	\$9 656	\$8 437	\$5 069
GROSS RENT													
Specified renter-occupied housing units	9 054	3 438	499	992	467	755	725	5 616	598	577	206	1 350	2 885
Less than \$100	1 595	309	—	—	14	32	263	1 286	13	5	—	154	1 114
\$100 to \$149	872	355	19	81	17	113	125	517	30	22	—	138	327
\$150 to \$199	1 610	700	125	196	80	154	145	910	114	63	66	329	338
\$200 to \$249	1 797	753	128	276	96	184	69	1 044	161	141	37	260	445
\$250 to \$299	1 614	671	133	226	140	104	68	943	134	184	45	274	306
\$300 to \$349	883	360	42	107	77	108	26	523	101	87	32	105	198
\$350 to \$399	307	127	46	41	5	24	11	180	8	36	17	61	58
\$400 to \$499	130	77	6	32	16	23	—	53	6	33	9	—	5
\$500 or more	42	20	—	6	14	—	—	22	16	6	—	—	—
No cash rent	204	66	—	27	8	13	18	138	15	—	—	29	94
Median	\$210	\$222	\$243	\$237	\$262	\$223	\$129	\$201	\$243	\$275	\$250	\$206	\$143
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	28.9	25.5	29.3	22.3	22.7	29.0	28.6	31.4	35.7	26.1	31.4	31.0	32.3
Income in 1979 below poverty level	1 608	501	94	124	47	80	156	1 107	104	40	43	284	636
Percent below poverty level	17.7	14.5	18.8	12.4	10.0	10.5	21.4	19.7	17.4	6.9	20.9	21.0	22.0

Table A—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units	413	112	121	180	Vacant for rent housing units	1 416	461	530	425
ROOMS					ROOMS				
1 to 3 rooms	12	6	—	6	1 room	124	35	69	20
4 rooms	57	39	14	4	2 rooms	83	7	51	25
5 rooms	163	19	33	111	3 rooms	280	79	59	142
6 rooms	59	17	17	25	4 rooms	440	184	154	102
7 rooms	24	6	5	13	5 rooms	308	82	156	70
8 or more rooms	98	25	52	21	6 rooms	143	48	41	54
Median	5.3	5.1	6.3	5.2	7 or more rooms	38	26	—	12
					Median	4.0	4.1	4.1	3.8
PLUMBING FACILITIES					PLUMBING FACILITIES				
Complete plumbing for exclusive use	396	107	121	168	Complete plumbing for exclusive use	1 292	435	455	402
Lacking complete plumbing for exclusive use	17	5	—	12	Lacking complete plumbing for exclusive use	124	26	75	23
BEDROOMS					BEDROOMS				
None	—	—	—	—	None	140	35	85	20
1	12	6	—	6	1	404	114	127	163
2	143	50	19	74	2	636	236	228	172
3	195	38	67	90	3	181	63	65	53
4	49	18	24	7	4	50	8	25	17
5 or more	14	—	11	3	5 or more	5	5	—	—
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1975 to March 1980	177	53	26	98	1975 to March 1980	44	24	14	6
1970 to 1974	8	2	—	6	1970 to 1974	126	67	28	31
1960 to 1969	30	6	13	11	1960 to 1969	155	97	45	13
1950 to 1959	28	6	12	10	1950 to 1959	128	25	66	37
1940 to 1949	11	8	—	3	1940 to 1949	152	50	47	55
1939 or earlier	159	37	70	52	1939 or earlier	811	198	330	283
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1, detached or attached	274	68	80	126	1, detached or attached	178	63	50	65
2 or more	139	44	41	54	2	349	101	113	135
Mobile home or trailer	—	—	—	—	3 and 4	136	30	79	27
HEATING EQUIPMENT					5 to 9	242	69	101	72
Central heating system	359	106	86	167	10 to 49	497	193	187	117
Other means	54	6	35	13	50 or more	14	5	—	9
None	—	—	—	—	Mobile home or trailer	—	—	—	—
PRICE ASKED					RENT ASKED				
Specified vacant for sale only housing units	245	68	80	97	Specified vacant for rent housing units	1 416	461	530	425
Less than \$10,000	—	—	—	—	Less than \$100	213	33	138	42
\$10,000 to \$19,999	25	9	—	16	\$100 to \$149	288	49	109	130
\$20,000 to \$29,999	—	—	—	—	\$150 to \$199	345	92	144	109
\$30,000 to \$39,999	26	5	9	12	\$200 to \$249	287	135	86	66
\$40,000 to \$49,999	64	12	17	35	\$250 to \$299	176	83	33	60
\$50,000 to \$59,999	32	—	24	8	\$300 to \$399	75	43	20	12
\$60,000 to \$79,999	47	19	8	20	\$400 or more	32	26	—	6
\$80,000 to \$99,999	44	16	22	6	Median	\$178	\$218	\$161	\$171
\$100,000 or more	7	7	—	—					
Median	\$52 000	\$73 600	\$56 200	\$42 900					

Table A—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA								The SMSA							
Price asked—Specified vacant for sale only housing units								Rent asked—Specified vacant for rent housing units							
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)		Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
Total	245	—	25	90	123	7	52 000	1 416	213	633	463	75	32	178	
PLUMBING FACILITIES															
Complete plumbing for exclusive use	228	—	20	84	117	7	52 600	1 292	140	608	455	57	32	183	
Lacking complete plumbing for exclusive use	17	—	5	6	6	—	37 900	124	73	25	8	18	—	95	
BEDROOMS															
None	—	—	—	—	—	—	—	140	67	58	15	—	—	103	
1	6	—	—	6	—	—	37 500	404	49	210	118	20	7	174	
2	28	—	8	13	7	—	40 800	636	85	229	278	32	12	201	
3	159	—	17	62	73	7	50 200	181	12	94	47	18	10	187	
4	49	—	—	9	40	—	74 200	50	—	42	5	—	3	164	
5 or more	3	—	—	—	3	—	52 500	5	—	—	—	5	—	375	
YEAR STRUCTURE BUILT															
1975 to March 1980	94	—	—	30	57	7	72 200	44	—	—	23	5	16	272	
1970 to 1974	8	—	—	—	8	—	61 700	126	5	10	79	22	10	274	
1960 to 1969	30	—	—	8	22	—	72 500	155	29	32	81	13	—	220	
1950 to 1959	28	—	—	28	—	—	45 300	128	31	35	56	—	6	198	
1940 to 1949	7	—	4	—	3	—	14 400	152	14	77	61	—	—	186	
1939 or earlier	78	—	21	24	33	—	45 000	811	134	479	163	35	—	156	
UNITS IN STRUCTURE															
1, detached or attached	245	—	25	90	123	7	52 000	178	32	86	32	19	9	171	
2 or more .....	...	...	...	...	...	...	...	1 238	181	547	431	56	23	182	
Mobile home or trailer .....	...	...	...	...	...	...	...	—	—	—	—	—	—	—

Table B — 1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

Lowell city

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units -----	10 914	143	316	1 727	3 041	2 765	1 583	1 033	191	94	21	40 800	42 900
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families -----	7 846	55	199	1 084	2 139	2 135	1 154	812	163	84	21	41 900	44 300
15 to 24 years -----	138	—	13	22	36	47	13	7	—	—	—	39 700	40 200
25 to 34 years -----	1 533	—	—	155	440	466	301	143	18	10	—	43 200	44 900
35 to 44 years -----	1 448	8	31	139	415	387	238	186	35	9	—	43 500	45 600
45 to 64 years -----	3 422	11	114	496	909	877	476	375	87	56	21	41 700	45 300
65 years and over -----	1 305	36	41	272	339	358	126	101	23	9	—	38 800	40 100
Male householder, no wife present -----	786	25	51	126	231	184	129	40	—	—	—	21 300	38 200
15 to 24 years -----	7	—	—	7	—	—	—	—	—	—	—	21 300	21 300
25 to 34 years -----	67	—	—	7	36	24	—	—	—	—	—	38 700	39 300
35 to 44 years -----	74	—	9	7	20	26	12	—	—	—	—	40 200	38 100
45 to 64 years -----	308	7	9	55	42	100	67	28	—	—	—	43 200	41 500
65 years and over -----	330	18	33	50	133	34	50	12	—	—	—	35 200	35 400
Female householder, no husband present -----	2 282	63	66	517	671	446	300	181	28	10	—	37 500	39 500
15 to 24 years -----	20	—	—	5	8	—	—	7	—	—	—	38 100	44 100
25 to 34 years -----	130	8	—	18	39	46	—	19	—	—	—	40 000	39 300
35 to 44 years -----	176	6	6	33	73	39	6	13	—	—	—	36 300	37 100
45 to 64 years -----	776	35	16	170	180	151	149	54	11	10	—	39 400	41 300
65 years and over -----	1 180	14	44	291	371	210	145	88	17	—	—	36 300	38 600
Median age -----	53.8	59.9	59.2	60.0	53.6	51.9	51.9	49.6	53.5	55.4	56.7	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980 -----	669	—	16	67	162	181	132	87	24	—	—	46 000	46 600
1975 to 1978 -----	1 643	—	23	203	417	507	271	171	19	27	5	43 100	45 900
1970 to 1974 -----	1 409	6	9	191	430	380	207	145	12	29	—	41 600	44 300
1960 to 1969 -----	2 953	34	79	415	738	877	400	322	67	5	16	42 200	44 000
1959 or earlier -----	4 240	103	189	851	1 294	820	573	308	69	33	—	37 700	39 900
ROOMS													
1 to 3 rooms -----	42	—	2	22	7	5	6	—	—	—	—	29 500	35 600
4 rooms -----	628	19	32	181	188	126	76	6	—	—	—	34 300	34 300
5 rooms -----	1 685	18	52	308	515	509	258	25	—	—	—	39 200	38 700
6 rooms -----	3 211	70	110	442	826	987	562	195	12	7	—	41 500	41 300
7 rooms -----	2 943	18	67	551	1 012	596	339	333	27	—	—	38 200	40 800
8 or more rooms -----	2 405	18	53	223	493	542	342	474	152	87	21	47 200	52 800
Median -----	6.5	6.0	6.2	6.3	6.5	6.3	6.3	7.4	8.3	8.5+	8.5+	...	...
BEDROOMS													
None -----	13	—	—	—	7	—	6	—	—	—	—	39 600	46 700
1 -----	309	8	8	91	88	68	40	6	—	—	—	36 000	36 300
2 -----	1 960	41	94	411	508	579	260	67	—	—	—	38 600	37 800
3 -----	5 555	76	145	847	1 579	1 426	878	518	60	26	—	40 900	42 300
4 -----	2 597	13	53	327	775	614	334	365	88	23	5	41 700	45 600
5 or more -----	480	5	16	51	84	78	65	77	43	45	16	50 500	60 100
YEAR STRUCTURE BUILT													
1975 to March 1980 -----	208	—	—	17	—	33	134	19	—	—	5	52 800	56 000
1970 to 1974 -----	308	—	—	—	48	105	96	59	—	—	—	50 100	50 900
1960 to 1969 -----	1 332	—	—	66	170	496	298	237	58	7	—	48 500	51 300
1950 to 1959 -----	1 747	7	25	156	496	528	311	179	29	16	—	43 400	45 200
1940 to 1949 -----	616	8	11	100	137	177	132	51	—	—	—	43 300	42 500
1939 or earlier -----	6 703	128	280	1 388	2 190	1 426	612	488	104	71	16	37 200	39 900
HOUSEHOLD INCOME IN 1979													
Less than \$5,000 -----	726	35	41	145	263	127	69	46	—	—	—	34 900	36 100
\$5,000 to \$9,999 -----	1 134	44	74	304	269	238	161	44	—	—	—	35 200	35 900
\$10,000 to \$12,499 -----	726	—	56	174	205	191	68	32	—	—	—	37 000	36 600
\$12,500 to \$14,999 -----	697	6	46	153	146	193	70	72	11	—	—	39 800	39 700
\$15,000 to \$19,999 -----	1 547	—	25	227	537	426	241	68	18	5	—	39 700	41 400
\$20,000 to \$24,999 -----	1 925	37	29	336	568	473	338	116	12	—	16	39 900	41 900
\$25,000 to \$34,999 -----	2 275	21	25	239	609	689	363	284	45	—	—	43 400	44 700
\$35,000 to \$49,999 -----	1 490	—	16	143	366	385	256	260	44	20	—	45 800	48 100
\$50,000 or more -----	394	—	4	6	78	43	17	111	61	69	5	65 100	72 900
Median -----	\$21 554	\$7 917	\$11 920	\$17 706	\$20 755	\$22 285	\$23 166	\$30 533	\$36 839	\$69 493	\$24 141	...	...
Mean -----	\$23 179	\$13 355	\$14 484	\$18 064	\$21 649	\$22 886	\$23 682	\$31 182	\$43 667	\$78 958	\$33 774	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage -----	6 868	27	142	878	1 852	1 931	1 120	733	113	67	5	42 400	44 600
Less than 15 percent -----	2 043	—	23	262	555	645	241	222	50	45	—	42 400	45 600
15 to 19 percent -----	1 445	11	23	149	444	358	242	183	23	7	5	41 900	45 500
20 to 24 percent -----	1 178	—	42	168	337	292	220	119	—	—	—	41 200	42 300
25 to 29 percent -----	696	—	7	84	154	219	149	55	18	10	—	43 800	46 000
30 to 34 percent -----	436	—	19	42	150	99	78	43	5	—	—	42 700	43 900
35 percent or more -----	1 040	16	28	168	212	312	177	105	17	5	—	43 200	43 400
Not computed -----	30	—	—	5	—	6	13	6	—	—	—	51 500	49 500
Median -----	19.8	43.1	23.0	20.8	19.2	19.4	21.6	18.9	16.4	13.0	17.5	...	...
Not mortgaged -----	4 046	116	174	849	1 189	834	463	300	78	27	16	37 300	39 900
Less than 10 percent -----	945	35	24	209	313	130	106	90	21	17	—	35 700	41 000
10 to 14 percent -----	1 022	21	24	186	267	250	144	98	22	10	—	40 500	42 000
15 to 19 percent -----	527	—	30	93	122	135	82	37	28	—	—	41 300	42 200
20 to 24 percent -----	368	6	11	77	126	141	—	7	—	—	—	37 900	36 300
25 to 29 percent -----	200	—	16	80	31	22	22	13	—	—	16	31 500	45 500
30 to 34 percent -----	226	—	15	74	50	41	34	12	—	—	—	36 300	35 700
35 percent or more -----	750	54	54	130	272	115	75	43	7	—	—	34 800	35 700
Not computed -----	8	—	—	—	8	—	—	—	—	—	—	32 500	32 500
Median -----	15.5	21.7	24.1	16.6	15.4	16.4	14.4	13.1	14.1	10—	27.5	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use -----	10 898	127	316	1 727	3 041	2 765	1 583	1 033	191	94	21	40 800	42 900
1.01 or more persons per room -----	147	—	4	18	40	57	12	16	—	—	—	41 600	42 300
Lacking complete plumbing for exclusive use -----	16	16	—	—	—	—	—	—	—	—	—	10000—	7 500
1.01 or more persons per room -----	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment -----	10 914	143	316	1 727	3 041	2 765	1 583	1 033	191	94	21	40 800	42 900
Control heating system -----	10 379	104	254	1 611	2 911	2 657	1 519	1 017	191	94	21	41 100	43 400
Air conditioning -----	4 922	26	75	683	1 266	1 311	782	570	140	64	5	42 900	45 500
Control system -----	354	6	—	7	38	86	47	109	25	31	—	58 500	66 000
Income in 1979 below poverty level -----	489	25	22	69	132	136	66	39	—	—	—	39 800	39 200
Percent below poverty level -----	4.5	17.5	7.0	4.0	4.3	4.9	4.2	3.8	—	—	—	...	...

Table B-2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Lowell city

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units.....	18 815	1 836	1 316	2 805	4 007	4 278	2 576	1 048	474	108	367	241
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families.....	6 852	177	322	813	1 469	1 792	1 253	568	241	51	166	266
15 to 24 years.....	988	—	24	84	258	256	273	81	5	—	7	271
25 to 34 years.....	2 351	11	32	214	490	507	760	192	94	15	36	278
35 to 44 years.....	1 023	36	48	70	177	225	184	164	61	22	36	287
45 to 64 years.....	1 600	71	40	221	357	395	247	126	69	14	60	260
65 years and over.....	890	59	178	224	187	156	42	5	12	—	27	189
Male householder, no wife present.....	3 954	309	355	814	859	814	410	150	116	32	95	228
15 to 24 years.....	873	9	19	195	194	275	107	51	17	6	—	254
25 to 34 years.....	1 001	—	81	201	293	220	100	17	45	26	18	236
35 to 44 years.....	432	18	17	88	97	105	68	21	3	—	15	244
45 to 64 years.....	893	51	115	178	187	127	115	38	45	—	37	229
65 years and over.....	755	231	123	152	88	87	20	23	6	—	25	160
Female householder, no husband present.....	8 009	1 350	639	1 178	1 679	1 672	913	330	117	25	106	224
15 to 24 years.....	1 339	101	48	197	376	332	200	41	27	9	8	243
25 to 34 years.....	1 417	86	95	116	366	367	217	103	51	—	16	255
35 to 44 years.....	827	66	17	127	124	228	143	83	21	6	12	266
45 to 64 years.....	1 907	232	167	418	417	415	174	40	18	6	20	213
65 years and over.....	2 519	865	312	320	396	330	179	63	—	4	50	159
Median age.....	40.7	69.1	63.0	50.3	35.7	34.3	33.2	36.1	34.9	34.3	56.0	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980.....	6 196	324	259	861	1 414	1 599	1 017	425	192	71	34	257
1975 to 1978.....	6 627	715	402	821	1 406	1 547	1 003	428	179	27	99	248
1970 to 1974.....	2 645	366	223	463	539	571	310	96	38	6	33	219
1960 to 1969.....	1 895	289	233	336	382	354	147	59	46	4	45	208
1959 or earlier.....	1 452	142	199	324	266	207	99	40	19	—	156	196
ROOMS												
1 room.....	422	98	165	96	51	9	3	—	—	—	—	129
2 rooms.....	235	235	149	261	205	110	4	—	—	—	—	174
3 rooms.....	3 916	660	354	779	1 092	726	252	36	—	12	5	208
4 rooms.....	6 461	587	291	805	1 265	1 929	1 124	299	110	4	47	257
5 rooms.....	4 289	202	244	628	873	985	769	342	147	25	74	258
6 rooms.....	2 049	35	86	201	413	416	332	308	141	36	81	279
7 or more rooms.....	707	19	27	35	108	103	92	63	76	31	153	293
Median.....	4.1	3.4	3.5	3.8	4.0	4.2	4.4	5.1	5.4	5.9	6.1	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979.....	18 815	1 836	1 316	2 805	4 007	4 278	2 576	1 048	474	108	367	241
Complete plumbing for exclusive use.....	18 223	1 759	1 155	2 690	3 954	4 180	2 507	1 029	474	108	367	242
0.50 or less.....	10 773	1 331	790	1 852	2 422	2 206	1 241	409	192	24	306	227
0.51 to 1.00.....	6 718	384	347	741	1 395	1 775	1 163	543	240	76	54	263
1.01 to 1.50.....	613	41	13	86	108	168	85	77	27	8	—	266
1.51 or more.....	119	3	5	11	29	31	18	—	15	—	7	262
Lacking complete plumbing for exclusive use.....	592	77	161	115	53	98	69	19	—	—	—	169
0.50 or less.....	275	32	59	69	21	61	27	6	—	—	—	192
0.51 to 1.00.....	262	38	102	40	19	24	26	13	—	—	—	147
1.01 to 1.50.....	43	7	—	—	7	13	16	—	—	—	—	280
1.51 or more.....	12	—	—	6	6	—	—	—	—	—	—	212
Income in 1979 below poverty level.....	3 775	686	347	583	782	644	389	200	81	20	43	216
Complete plumbing for exclusive use.....	3 645	679	297	576	767	618	364	200	81	20	43	216
1.01 or more persons per room.....	285	27	12	48	43	79	25	42	2	—	7	255
Lacking complete plumbing for exclusive use.....	130	7	50	7	15	26	25	—	—	—	—	203
1.01 or more persons per room.....	24	7	—	—	—	7	10	—	—	—	—	293
BEDROOMS												
None.....	541	150	186	103	84	15	3	—	—	—	—	129
1.....	6 062	889	552	1 242	1 649	1 108	460	108	4	18	32	210
2.....	7 696	559	352	984	1 421	2 195	1 394	483	188	10	110	262
3.....	3 694	189	208	391	754	616	368	201	65	65	121	265
4.....	665	30	18	73	90	147	98	68	62	15	64	278
5 or more.....	157	19	—	12	9	32	5	21	19	—	40	274
UNITS IN STRUCTURE												
1, detached or attached.....	1 561	295	114	115	200	239	147	138	112	36	165	242
2.....	4 547	44	203	726	1 059	879	769	451	231	50	135	260
3 and 4.....	3 485	111	215	743	971	784	388	188	70	6	9	233
5 to 9.....	3 025	274	266	630	778	630	325	77	18	—	27	221
10 to 49.....	4 860	504	310	512	806	1 556	904	178	43	16	31	260
50 or more.....	1 331	608	208	79	187	190	43	16	—	—	—	110
Mobile home or trailer, etc.....	6	—	—	—	6	—	—	—	—	—	—	238
YEAR STRUCTURE BUILT												
1975 to March 1980.....	752	201	67	59	83	130	148	26	32	—	6	234
1970 to 1974.....	2 293	294	131	91	353	789	427	129	45	6	28	271
1960 to 1969.....	2 489	234	63	129	419	921	546	121	34	4	18	273
1950 to 1959.....	1 204	323	92	131	159	248	131	70	3	14	33	212
1940 to 1949.....	1 857	275	143	321	357	358	243	89	41	8	22	223
1939 or earlier.....	10 220	509	820	2 074	2 636	1 832	1 081	613	319	76	260	229
STORIES IN STRUCTURE												
1 to 3.....	16 977	1 065	1 033	2 609	3 750	4 046	2 510	1 015	474	108	367	248
4 or more.....	1 838	771	283	196	257	232	66	33	—	—	—	122
With elevator.....	1 450	723	244	79	181	182	20	21	—	—	—	100
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent.....	2 921	391	324	575	713	639	198	72	9	—	—	213
15 to 19 percent.....	3 131	302	231	415	623	778	540	158	70	14	—	250
20 to 24 percent.....	3 036	567	134	430	630	619	415	172	55	14	—	232
25 to 29 percent.....	2 004	298	132	204	423	475	285	114	67	6	—	242
30 to 34 percent.....	1 330	82	74	186	270	345	226	92	55	—	—	259
35 to 49 percent.....	2 199	83	185	411	407	513	336	151	83	30	—	251
50 percent or more.....	3 443	62	159	525	855	848	545	276	135	38	—	257
Not computed.....	751	51	77	59	86	61	31	13	—	6	367	203
Median.....	24.9	21.8	22.4	24.5	25.0	25.8	27.1	30.1	33.3	41.9	—	...
SELECTED CHARACTERISTICS												
Heating equipment.....	18 788	1 836	1 310	2 797	4 007	4 272	2 569	1 048	474	108	367	241
Central heating system.....	14 089	1 736	956	1 725	2 609	3 311	2 121	785	435	95	316	248
Air conditioning.....	7 108	527	349	804	1 343	2 061	1 275	350	157	46	196	262
Central system.....	912	166	57	71	142	233	168	58	4	—	13	254

Table B—3. **Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Lowell city	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units	13 801	916	1 527	922	872	2 018	2 402	2 853	1 785	506	21 251	22 864	668
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	9 750	178	657	543	564	1 485	2 012	2 381	1 484	446	23 528	25 772	208
15 to 24 years	170	—	13	6	6	46	70	29	—	—	20 673	19 682	—
25 to 34 years	1 848	28	35	46	139	411	568	474	126	21	22 008	23 143	44
35 to 44 years	1 749	13	58	65	66	271	385	591	242	58	25 188	26 290	32
45 to 64 years	4 342	54	150	226	191	513	772	1 127	986	323	26 887	29 581	72
65 years and over	1 641	83	401	200	162	244	217	160	130	44	14 606	18 735	60
Male householder, no wife present	1 104	119	203	61	102	205	130	159	93	32	17 204	18 826	77
15 to 24 years	25	—	—	4	—	5	7	9	—	—	21 250	22 124	—
25 to 34 years	171	5	12	6	17	62	9	36	24	—	19 063	21 564	5
35 to 44 years	94	—	—	—	21	18	37	3	15	—	20 741	22 446	—
45 to 64 years	49	—	28	37	29	55	64	84	39	32	20 880	22 930	43
65 years and over	395	63	163	14	35	13	27	15	—	—	8 381	12 216	29
Female householder, no husband present	2 947	619	667	318	206	328	260	313	208	28	11 474	14 757	383
15 to 24 years	46	14	—	8	—	13	5	—	6	—	15 313	14 934	14
25 to 34 years	181	14	53	49	23	12	—	30	—	—	11 199	12 952	17
35 to 44 years	232	42	23	42	28	27	20	37	6	7	13 304	16 033	41
45 to 64 years	971	143	168	75	90	120	117	134	107	17	15 396	18 120	101
65 years and over	1 517	406	423	144	65	156	118	112	89	4	8 809	12 620	210
Median age	54.1	69.4	69.0	61.3	57.0	51.6	46.9	48.0	52.9	55.1	...	...	61.2
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	936	32	49	46	82	161	204	254	86	22	22 207	23 520	38
1975 to 1978	2 184	72	140	103	172	393	546	469	210	79	21 699	23 326	87
1970 to 1974	1 785	49	77	120	77	330	399	502	176	55	22 474	24 048	39
1960 to 1969	3 452	183	253	214	144	413	667	785	652	141	23 896	25 424	183
1959 or earlier	5 444	580	1 008	439	397	721	586	843	661	209	16 955	20 556	321
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	13 717	908	1 509	919	864	2 013	2 389	2 834	1 775	506	21 251	22 883	666
1.01 or more persons per room	253	3	10	7	21	29	48	37	67	31	27 125	30 275	13
Lacking complete plumbing for exclusive use	84	8	18	3	8	5	13	19	10	—	20 000	19 774	2
1.01 or more persons per room	5	—	—	—	—	—	—	—	5	—	40 906	47 225	—
Heating equipment	13 801	916	1 527	922	872	2 018	2 402	2 853	1 785	506	21 251	22 864	668
Central heating system	12 889	775	1 399	844	802	1 874	2 249	2 720	1 724	502	21 556	23 270	545
Air conditioning	6 226	287	490	392	346	852	1 130	1 458	961	310	22 996	25 341	221
Central system	516	17	14	25	38	51	79	100	107	85	28 352	34 297	21
Vehicles available	12 568	562	1 028	783	831	1 921	2 342	2 838	1 757	506	22 289	24 183	496
1	5 936	460	893	610	532	1 155	1 031	910	271	74	17 131	18 054	382
2 or more	6 632	102	135	173	299	766	1 311	1 928	1 486	432	27 296	29 669	114
House heating fuel	13 801	916	1 527	922	872	2 018	2 402	2 853	1 785	506	21 251	22 864	668
Utility gas	8 211	501	891	583	516	1 186	1 477	1 733	1 063	261	21 400	22 802	457
Bottled, tank, or LP gas	24	—	4	9	—	—	3	3	5	—	12 222	20 305	4
Electricity	298	6	32	—	31	43	56	88	21	21	23 173	26 125	6
Fuel oil, kerosene, etc.	5 121	405	600	330	310	736	834	996	686	224	20 949	22 831	197
Other	147	4	—	—	15	53	32	33	10	—	20 197	21 319	4
Median rooms	6.3	5.8	6.0	5.9	6.2	6.1	6.2	6.5	6.8	7.6	...	...	5.9
Specified owner-occupied housing units	10 914	726	1 134	726	697	1 547	1 925	2 275	1 490	394	21 554	23 179	489
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage	6 868	197	439	354	424	1 037	1 407	1 697	1 044	269	23 387	25 127	211
Less than \$200	244	14	60	46	27	42	27	6	22	—	12 685	14 929	14
\$200 to \$249	612	17	63	40	46	106	112	128	95	5	21 169	22 737	23
\$250 to \$299	1 053	62	66	71	40	165	195	254	176	24	23 490	23 924	62
\$300 to \$349	1 210	32	74	47	70	246	242	278	203	18	22 282	24 018	42
\$350 to \$399	1 064	22	69	16	63	158	289	250	161	36	23 286	25 127	12
\$400 to \$499	1 551	28	62	92	98	246	338	435	197	55	23 483	25 183	42
\$500 to \$599	701	22	18	35	57	56	145	218	116	34	25 360	26 698	16
\$600 to \$749	326	—	27	—	23	18	44	104	50	60	27 177	35 590	—
\$750 or more	107	—	—	7	—	—	15	24	24	37	34 114	43 461	—
Median	\$365	\$309	\$321	\$321	\$373	\$342	\$372	\$386	\$358	\$496	...	...	\$308
Not mortgaged	4 046	529	695	372	273	510	518	578	446	125	16 375	19 871	278
Less than \$50	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$74	32	10	22	—	—	—	—	—	—	—	6 071	5 435	10
\$75 to \$99	8	8	—	—	—	—	—	—	—	—	3 750	3 420	8
\$100 to \$124	78	26	39	7	—	6	—	—	—	—	6 354	6 955	16
\$125 to \$149	331	59	72	68	27	26	34	21	24	—	11 268	14 279	22
\$150 to \$199	1 453	264	331	139	100	200	152	166	88	13	12 365	15 210	134
\$200 to \$249	1 270	108	146	107	119	183	219	207	128	53	18 971	21 145	56
\$250 or more	874	54	85	51	27	95	113	184	206	59	25 556	29 717	32
Median	\$205	\$181	\$182	\$190	\$204	\$206	\$217	\$225	\$243	\$247	...	...	\$181
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	6 868	197	439	354	424	1 037	1 407	1 697	1 044	269	23 387	25 127	211
Less than 15 percent	2 043	—	—	—	—	49	249	675	835	235	35 409	37 269	—
15 to 19 percent	1 445	—	3	23	27	221	379	597	176	19	25 919	26 662	—
20 to 24 percent	1 178	—	24	35	57	301	448	286	27	—	21 617	22 147	—
25 to 29 percent	696	—	33	49	79	222	202	95	6	10	19 125	19 769	—
30 to 34 percent	436	—	10	85	84	139	88	30	—	—	16 318	16 854	—
35 percent or more	1 040	167	369	162	177	105	41	14	—	5	9 784	10 297	181
Not computed	30	30	—	—	—	—	—	—	—	—	2500—	—	30
Median	19.8	50+	50+	34.1	32.9	24.1	20.8	16.5	11.4	10—	...	...	50+
Not mortgaged	4 046	529	695	372	273	510	518	578	446	125	16 375	19 871	278
Less than 10 percent	945	—	8	—	—	34	108	306	364	125	35 505	39 391	—
10 to 14 percent	1 022	—	29	40	68	224	327	252	82	—	22 119	23 006	—
15 to 19 percent	527	—	35	116	105	200	58	13	—	—	15 155	15 334	—
20 to 24 percent	368	—	80	140	87	45	9	7	—	—	11 857	12 456	6
25 to 29 percent	200	3	133	35	13	—	16	—	—	—	8 696	9 755	9
30 to 34 percent	226	15	180	31	—	—	—	—	—	—	7 227	7 531	8
35 percent or more	750	503	230	10	—	7	—	—	—	—	4 216	4 457	247
Not computed	8	8	—	—	—	—	—	—	—	—	2500—	—	8
Median	15.5	50+	31.7	21.1	18.3	14.9	12.3	10—	10—	10—	...	...	50+

Table B—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Lowell city	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Renter-occupied housing units -----	18 890	4 458	4 555	2 214	1 426	2 908	1 780	1 238	266	45	10 488	12 161	3 790
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families -----	6 890	435	1 109	716	700	1 663	1 215	846	189	17	16 378	16 730	733
15 to 24 years -----	988	43	149	121	134	328	149	60	4	—	15 683	15 328	98
25 to 34 years -----	2 363	117	234	269	227	654	475	340	47	—	17 705	17 564	242
35 to 44 years -----	1 031	83	136	98	115	223	200	139	37	—	16 440	17 123	179
45 to 64 years -----	1 607	77	210	101	148	385	341	259	74	12	18 093	18 805	132
65 years and over -----	901	115	380	127	76	73	50	48	27	5	9 222	11 932	82
Male householder, no wife present -----	3 962	963	894	622	301	639	229	226	63	25	10 498	11 896	752
15 to 24 years -----	873	202	213	162	60	131	55	50	—	—	10 332	10 969	238
25 to 34 years -----	1 009	185	180	156	141	160	78	66	38	5	12 236	13 386	195
35 to 44 years -----	432	42	79	93	47	110	31	30	—	—	12 606	13 367	51
45 to 64 years -----	893	185	238	145	36	165	53	57	7	7	10 405	11 819	127
65 years and over -----	755	349	184	66	17	73	12	23	18	13	5 565	10 228	141
Female householder, no husband present -----	8 038	3 060	2 552	876	425	606	336	166	14	3	6 652	8 375	2 305
15 to 24 years -----	1 339	482	471	175	63	79	46	23	—	—	6 913	7 754	565
25 to 34 years -----	1 417	407	494	185	103	124	76	21	7	—	7 393	9 179	543
35 to 44 years -----	827	175	298	145	43	93	57	16	—	—	8 873	9 889	340
45 to 64 years -----	1 925	483	631	228	157	225	114	84	—	3	8 924	10 410	371
65 years and over -----	2 530	1 513	658	143	59	85	43	22	7	—	4 540	6 212	486
Median age -----	40.8	60.9	45.6	36.1	34.6	34.7	35.3	37.6	45.0	54.6	...	...	35.2
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980 -----	6 231	1 486	1 517	868	495	910	599	280	61	15	10 324	11 453	1 613
1975 to 1978 -----	6 634	1 448	1 558	694	512	1 071	717	535	92	7	11 120	12 693	1 210
1970 to 1974 -----	2 645	751	575	340	214	433	154	148	30	—	9 964	11 245	523
1960 to 1969 -----	1 914	482	483	186	121	280	159	157	40	6	9 919	12 745	294
1959 or earlier -----	1 466	291	422	126	84	214	151	118	43	17	10 397	13 654	150
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use -----	18 298	4 234	4 405	2 147	1 400	2 863	1 762	1 194	248	45	10 594	12 231	3 660
0.50 or less -----	10 816	3 151	2 832	1 334	752	1 359	747	513	108	20	8 935	10 785	1 822
0.51 to 1.00 -----	6 743	987	1 413	733	565	1 316	922	656	129	22	13 555	14 400	1 553
1.01 to 1.50 -----	613	82	140	65	74	169	61	18	4	—	13 159	12 815	232
1.51 or more -----	126	14	20	15	9	19	32	7	7	3	15 781	17 442	53
Lacking complete plumbing for exclusive use -----	592	224	150	67	26	45	18	44	18	—	6 782	10 012	130
0.50 or less -----	275	104	78	46	—	12	5	18	12	—	6 782	9 606	38
0.51 to 1.00 -----	262	103	65	15	26	27	—	26	—	—	6 489	9 611	68
1.01 to 1.50 -----	43	17	7	6	—	—	7	—	6	—	6 607	12 282	24
1.51 or more -----	12	—	—	—	—	6	6	—	—	—	20 000	19 918	—
SELECTED CHARACTERISTICS													
Heating equipment -----	18 863	4 458	4 534	2 214	1 426	2 902	1 780	1 238	266	45	10 496	12 166	3 775
Central heating system -----	14 149	3 347	3 322	1 631	1 050	2 163	1 417	981	198	40	10 622	12 350	2 596
Air conditioning -----	7 127	1 272	1 450	869	595	1 304	871	633	105	28	12 421	13 930	855
Central system -----	912	319	205	99	70	129	48	32	7	3	7 671	10 337	119
Vehicles available -----	12 823	1 524	2 591	1 759	1 164	2 653	1 686	1 166	235	45	13 654	14 693	1 851
1 -----	9 304	1 317	2 242	1 461	904	1 807	971	466	115	21	11 870	13 048	1 531
2 or more -----	3 519	207	349	298	260	846	715	700	120	24	18 419	19 042	320
House heating fuel -----	18 863	4 458	4 534	2 214	1 426	2 902	1 780	1 238	266	45	10 496	12 166	3 775
Utility gas -----	12 051	2 635	2 852	1 319	1 009	2 003	1 209	824	185	15	11 021	12 487	2 507
Bottled, tank, or LP gas -----	167	47	53	31	—	11	14	11	—	—	7 466	10 126	45
Electricity -----	1 978	552	464	249	157	261	182	106	7	—	9 621	10 875	341
Fuel oil, kerosene, etc. -----	4 592	1 188	1 159	608	256	617	375	297	62	30	9 751	11 944	861
Other -----	75	36	6	7	4	10	—	—	12	—	5 625	12 724	21
Median rooms -----	4.1	3.6	4.0	4.0	4.3	4.4	4.5	4.9	5.5	4.5	...	...	4.1
Specified renter-occupied housing units -----	18 815	4 450	4 536	2 206	1 420	2 897	1 773	1 229	259	45	10 478	12 146	3 775
CONTRACT RENT													
Less than \$100 -----	2 810	1 557	704	116	74	190	40	83	31	15	4 703	7 523	898
\$100 to \$149 -----	3 858	965	1 156	380	297	468	330	214	43	5	9 030	11 124	829
\$150 to \$199 -----	4 327	873	1 104	673	369	709	353	205	28	13	10 693	11 960	904
\$200 to \$249 -----	3 643	597	808	539	320	619	430	269	56	5	11 932	13 233	654
\$250 to \$299 -----	2 888	299	575	389	271	620	418	271	45	—	14 170	14 783	296
\$300 to \$349 -----	732	101	103	57	41	176	152	102	—	—	16 616	15 867	123
\$350 to \$399 -----	150	8	24	—	25	46	15	17	8	7	16 125	18 750	12
\$400 to \$499 -----	20	—	10	4	—	—	—	6	—	—	8 750	13 828	10
\$500 or more -----	20	6	—	—	—	—	8	—	6	—	23 750	22 750	6
No cash rent -----	367	44	52	48	23	69	27	62	42	—	16 250	18 143	43
Median -----	\$177	\$132	\$167	\$189	\$194	\$204	\$216	\$215	\$205	\$192	...	...	\$157
GROSS RENT													
Less than \$100 -----	1 836	1 270	448	51	23	33	4	4	—	3	4 174	5 009	686
\$100 to \$149 -----	1 316	494	491	91	67	96	36	21	15	5	6 571	8 272	347
\$150 to \$199 -----	2 805	766	860	413	150	335	150	105	12	14	8 634	10 255	583
\$200 to \$249 -----	4 007	763	1 059	601	347	607	356	235	34	5	10 755	11 923	782
\$250 to \$299 -----	4 278	580	905	558	439	842	504	338	107	5	13 047	14 052	644
\$300 to \$349 -----	2 576	334	419	320	238	575	461	213	16	—	14 758	14 779	389
\$350 to \$399 -----	1 048	151	205	70	82	210	152	155	10	13	15 333	16 291	200
\$400 to \$499 -----	474	28	87	48	27	124	75	76	9	—	16 382	16 986	81
\$500 or more -----	108	20	10	6	24	6	8	20	14	—	14 375	17 903	20
No cash rent -----	367	44	52	48	23	69	27	62	42	—	16 250	18 143	43
Median -----	\$241	\$180	\$221	\$244	\$262	\$271	\$285	\$285	\$266	\$202	...	...	\$216
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent -----	2 921	47	256	105	113	489	737	926	203	45	23 177	23 311	140
15 to 19 percent -----	3 131	129	382	246	241	1 108	796	215	14	—	17 512	16 832	127
20 to 24 percent -----	3 036	518	409	586	479	845	179	20	—	—	12 526	12 240	177
25 to 29 percent -----	2 004	315	523	501	360	273	26	6	—	—	10 818	10 504	130
30 to 34 percent -----	1 330	138	554	420	139	79	—	—	—	—	9 809	9 526	126
35 to 49 percent -----	2 199	450	1 376	274	57	34	8	—	—	—	7 203	7 376	354
50 percent or more -----	3 443	2 425	984	26	8	—	—	—	—	—	3 980	4 060	2 294
Not computed -----	751	428	52	48	23	69	27	62	42	—	2500—	8 862	427
Median -----	24.9	50+	36.3	26.4	23.6	19.2	15.9	12.5	10—	10—	...	...	50+

Table B—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Lowell city	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units -----	6 868	244	612	1 053	1 210	1 064	1 551	701	326	107	365
PERSONS IN UNIT											
1 person -----	329	8	74	55	66	39	36	35	16	—	321
2 persons -----	1 433	163	144	230	242	117	275	160	83	19	337
3 persons -----	1 266	35	114	219	183	214	295	129	58	19	369
4 persons -----	1 827	12	143	288	299	338	441	191	58	57	375
5 persons -----	1 143	8	98	151	249	190	269	90	83	5	367
6 persons -----	559	9	29	64	119	99	158	61	20	—	380
7 persons -----	210	—	10	40	27	52	46	27	8	—	377
8 or more persons -----	101	9	—	6	25	15	31	8	—	7	385
Median -----	3.72	2.20	3.27	3.58	3.88	3.98	3.88	3.64	3.60	3.77	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families -----	5 689	200	469	838	975	895	1 342	589	289	92	370
15 to 24 years -----	132	—	13	—	35	6	34	25	12	7	421
25 to 34 years -----	1 458	—	23	77	224	267	532	194	131	10	423
35 to 44 years -----	1 360	9	105	198	202	256	347	140	72	31	382
45 to 64 years -----	2 373	143	302	476	418	341	377	204	68	44	332
65 years and over -----	366	48	26	87	96	25	52	26	6	—	311
Male householder, no wife present -----	348	8	70	81	39	32	41	67	7	3	319
15 to 24 years -----	7	—	—	—	7	—	—	—	—	—	325
25 to 34 years -----	61	—	5	—	19	—	14	23	—	—	423
35 to 44 years -----	56	—	10	6	13	—	8	12	7	—	346
45 to 64 years -----	153	—	29	58	—	19	12	32	—	3	291
65 years and over -----	71	8	26	17	—	13	7	—	—	—	254
Female householder, no husband present -----	831	36	73	134	196	137	168	45	30	12	344
15 to 24 years -----	20	—	—	7	5	—	8	—	—	—	330
25 to 34 years -----	125	—	—	13	14	17	48	18	8	7	426
35 to 44 years -----	165	—	9	25	51	33	47	—	—	—	348
45 to 64 years -----	375	19	45	64	104	75	36	21	6	5	329
65 years and over -----	146	17	19	25	22	12	29	6	16	—	327
Median age -----	45.3	60.6	53.2	50.9	46.3	43.5	38.2	41.2	36.6	43.8	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980 -----	607	8	10	33	22	36	198	137	131	32	498
1975 to 1978 -----	1 555	13	48	81	220	257	625	209	70	32	422
1970 to 1974 -----	1 180	14	51	185	261	283	264	85	28	9	364
1960 to 1969 -----	2 311	93	278	596	475	335	306	172	51	5	320
1959 or earlier -----	1 215	116	225	158	232	153	158	98	46	29	323
ROOMS											
1 to 3 rooms -----	30	—	5	13	—	—	6	6	—	—	288
4 rooms -----	285	58	57	65	30	21	39	15	—	—	271
5 rooms -----	1 038	46	116	242	227	112	188	88	19	—	325
6 rooms -----	2 097	53	207	325	428	273	515	194	66	36	357
7 rooms -----	1 912	35	191	294	323	364	422	151	118	14	366
8 or more rooms -----	1 506	52	36	114	202	294	381	247	123	57	413
Median -----	6.5	5.8	6.1	6.1	6.3	6.8	6.6	6.8	7.2	7.7	...
YEAR STRUCTURE BUILT											
1975 to March 1980 -----	198	—	5	8	5	19	57	48	51	5	510
1970 to 1974 -----	276	6	—	22	31	52	97	50	18	—	438
1960 to 1969 -----	1 088	13	84	247	176	127	309	92	23	17	359
1950 to 1959 -----	1 044	29	147	207	204	97	218	88	54	—	334
1940 to 1949 -----	400	15	10	37	83	59	117	52	10	17	397
1939 or earlier -----	3 862	181	366	532	711	710	753	371	170	68	360
VALUE											
Less than \$10,000 -----	27	3	8	8	—	—	8	—	—	—	266
\$10,000 to \$19,999 -----	142	23	36	51	5	9	18	—	—	—	262
\$20,000 to \$29,999 -----	878	90	115	149	161	146	142	75	—	—	326
\$30,000 to \$39,999 -----	1 852	76	194	288	485	345	351	98	15	—	338
\$40,000 to \$49,999 -----	1 931	32	171	380	323	301	438	200	69	17	360
\$50,000 to \$59,999 -----	1 120	14	69	128	218	135	309	127	92	28	399
\$60,000 to \$79,999 -----	733	6	19	49	18	111	272	155	83	20	466
\$80,000 to \$99,999 -----	113	—	—	—	—	17	13	36	37	10	574
\$100,000 to \$149,999 -----	67	—	—	—	—	—	—	10	30	27	717
\$150,000 or more -----	5	—	—	—	—	—	—	—	—	5	750+
Median -----	\$42 400	\$30 700	\$38 200	\$40 600	\$39 100	\$41 000	\$44 900	\$48 900	\$58 500	\$75 200	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent -----	2 043	97	347	564	430	253	225	64	53	10	302
15 to 19 percent -----	1 445	53	99	189	288	287	378	91	42	18	366
20 to 24 percent -----	1 178	47	58	72	234	243	295	173	44	12	387
25 to 29 percent -----	696	24	37	50	85	111	203	115	43	28	420
30 to 34 percent -----	436	—	10	50	55	58	117	98	43	5	427
35 percent or more -----	1 040	23	61	116	108	112	333	152	101	34	427
Not computed -----	30	—	—	12	10	—	—	8	—	—	315
Median -----	19.8	17.4	13.7	14.4	18.0	19.9	22.9	25.8	27.8	27.4	...
SELECTED CHARACTERISTICS											
Heating equipment -----	6 868	244	612	1 053	1 210	1 064	1 551	701	326	107	365
Steam or hot water system -----	4 351	161	345	571	780	739	943	488	258	66	372
Central warm-air furnace or electric heat pump -----	1 923	37	210	391	311	271	441	171	60	31	352
Other built-in electric units -----	129	—	23	9	15	12	52	—	8	10	413
Floor, wall, or pipeless furnace -----	152	—	14	31	35	13	49	10	—	—	344
Other means -----	313	46	20	51	69	29	66	32	—	—	329
Air conditioning -----	3 255	82	238	488	566	522	797	322	174	66	374
Central system -----	244	—	33	26	12	17	54	39	39	24	468
1 or more individual room units -----	3 011	82	205	462	554	505	743	283	135	42	370
House heating fuel -----	6 868	244	612	1 053	1 210	1 064	1 551	701	326	107	365
Utility gas -----	4 274	155	404	768	648	659	938	430	209	63	362
Bottled, tank, or LP gas -----	14	—	—	—	9	—	—	—	5	—	339
Electricity -----	159	—	30	9	15	20	52	15	8	10	413
Fuel oil, kerosene, etc. -----	2 319	80	172	262	505	377	536	249	104	34	369
Other -----	102	9	6	14	33	8	25	7	—	—	333

Table B—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Lowell city	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units -----	4 046	—	32	8	78	331	1 453	1 270	874	205
PERSONS IN UNIT										
1 person -----	1 025	—	10	8	55	82	463	269	138	189
2 persons -----	1 703	—	22	—	23	197	590	585	286	202
3 persons -----	820	—	—	—	—	44	271	242	263	220
4 persons -----	221	—	—	—	—	—	56	93	72	229
5 persons -----	133	—	—	—	—	—	42	29	62	242
6 persons -----	62	—	—	—	—	—	—	36	26	243
7 persons -----	71	—	—	—	—	8	27	16	20	202
8 or more persons -----	11	—	—	—	—	—	4	—	7	250+
Median -----	2.09	—	1.77	1.00	1.21	1.92	1.95	2.13	2.55	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families -----	2 157	—	—	—	23	161	695	758	520	213
15 to 24 years -----	6	—	—	—	—	—	6	—	—	175
25 to 34 years -----	75	—	—	—	—	—	28	28	19	217
35 to 44 years -----	88	—	—	—	—	—	19	38	31	233
45 to 64 years -----	1 049	—	—	—	6	57	308	392	286	220
65 years and over -----	939	—	—	—	17	104	334	300	184	202
Male householder, no wife present -----	438	—	14	8	6	55	162	128	65	192
15 to 24 years -----	—	—	—	—	—	—	—	—	—	—
25 to 34 years -----	6	—	—	—	—	—	—	6	—	225
35 to 44 years -----	18	—	—	—	—	—	18	—	—	175
45 to 64 years -----	155	—	—	—	—	34	36	51	34	207
65 years and over -----	259	—	14	8	6	21	108	71	31	187
Female householder, no husband present -----	1 451	—	18	—	49	115	596	384	289	196
15 to 24 years -----	—	—	—	—	—	—	—	—	—	—
25 to 34 years -----	5	—	—	—	—	—	5	—	—	175
35 to 44 years -----	11	—	—	—	—	—	6	—	5	196
45 to 64 years -----	401	—	—	—	7	25	135	139	95	212
65 years and over -----	1 034	—	18	—	42	90	450	245	189	191
Median age -----	66.3	—	76.7	85+	72.2	69.6	67.6	64.5	63.4	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980 -----	62	—	—	—	—	—	43	11	8	186
1975 to 1978 -----	88	—	—	—	—	8	23	28	29	223
1970 to 1974 -----	229	—	—	—	—	33	63	101	32	209
1960 to 1969 -----	642	—	8	—	8	59	158	176	233	225
1959 or earlier -----	3 025	—	24	8	70	231	1 166	954	572	201
ROOMS										
1 to 3 rooms -----	12	—	—	—	2	—	10	—	—	170
4 rooms -----	343	—	8	—	24	63	147	64	37	176
5 rooms -----	647	—	—	8	7	73	273	220	66	193
6 rooms -----	1 114	—	10	—	22	108	452	388	134	196
7 rooms -----	1 031	—	14	—	6	71	382	385	173	206
8 or more rooms -----	899	—	—	—	17	16	189	213	464	250+
Median -----	6.4	—	6.3	5.0	5.8	5.8	6.2	6.4	7.6	...
YEAR STRUCTURE BUILT										
1975 to March 1980 -----	10	—	—	—	—	—	10	—	—	175
1970 to 1974 -----	32	—	—	—	—	—	5	27	—	220
1960 to 1969 -----	244	—	8	—	—	8	46	74	108	241
1950 to 1959 -----	703	—	—	—	22	48	248	278	107	206
1940 to 1949 -----	216	—	—	—	8	27	74	45	62	199
1939 or earlier -----	2 841	—	24	8	48	248	1 070	846	597	201
VALUE										
Less than \$10,000 -----	116	—	—	—	—	33	68	11	4	168
\$10,000 to \$19,999 -----	174	—	—	8	2	22	100	26	16	177
\$20,000 to \$29,999 -----	849	—	—	—	32	168	420	156	73	177
\$30,000 to \$39,999 -----	1 189	—	24	—	20	45	493	431	176	201
\$40,000 to \$49,999 -----	834	—	—	—	24	56	247	311	196	214
\$50,000 to \$59,999 -----	463	—	8	—	—	7	94	207	147	230
\$60,000 to \$79,999 -----	300	—	—	—	—	—	31	109	160	250+
\$80,000 to \$99,999 -----	78	—	—	—	—	—	—	19	59	250+
\$100,000 to \$149,999 -----	27	—	—	—	—	—	—	—	27	250+
\$150,000 or more -----	16	—	—	—	—	—	—	—	16	250+
Median -----	\$37 300	—	\$37 100	\$12 500	\$31 300	\$27 400	\$32 700	\$40 400	\$48 500	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent -----	945	—	8	—	6	100	340	308	183	203
10 to 14 percent -----	1 022	—	14	—	22	65	300	345	276	216
15 to 19 percent -----	527	—	—	—	—	70	160	183	114	209
20 to 24 percent -----	368	—	—	—	18	6	114	155	75	215
25 to 29 percent -----	200	—	—	—	9	28	86	38	39	187
30 to 34 percent -----	226	—	—	8	7	3	113	57	38	192
35 percent or more -----	750	—	10	—	16	59	332	184	149	194
Not computed -----	8	—	—	—	—	—	8	—	—	175
Median -----	15.5	—	12.9	32.5	23.1	15.0	17.6	14.7	14.6	...
SELECTED CHARACTERISTICS										
Heating equipment -----	4 046	—	32	8	78	331	1 453	1 270	874	205
Steam or hot water system -----	2 776	—	22	—	34	206	901	930	683	212
Central warm-air furnace or electric heat pump -----	922	—	10	—	26	81	389	278	138	194
Other built-in electric units -----	44	—	—	—	—	—	11	27	6	220
Floor, wall, or pipeless furnace -----	82	—	—	—	15	14	40	13	—	165
Other means -----	222	—	—	8	3	30	112	22	47	181
Air conditioning -----	1 667	—	18	—	42	133	494	540	440	214
Central system -----	110	—	—	—	—	—	31	—	—	250+
1 or more individual room units -----	1 557	—	18	—	42	133	483	509	372	210
House heating fuel -----	4 046	—	32	8	78	331	1 453	1 270	874	205
Utility gas -----	2 060	—	—	8	71	269	775	551	386	194
Bottled, tank, or LP gas -----	—	—	—	—	—	—	—	—	—	—
Electricity -----	56	—	—	—	—	—	11	—	6	222
Fuel oil, kerosene, etc. -----	1 902	—	32	—	7	62	655	680	466	214
Other -----	28	—	—	—	—	—	12	—	16	250+

Table B—7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Lowell city

Occupied housing units

HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER

Married-couple families	9 750	268	256	1 137	1 934	6 155
15 to 24 years	170	14	6	19	31	100
25 to 34 years	1 848	124	94	186	295	1 149
35 to 44 years	1 749	52	73	274	210	1 140
45 to 64 years	4 342	57	64	558	1 034	2 629
65 years and over	1 641	21	19	100	364	1 137
Male householder, no wife present	1 104	38	26	103	219	718
15 to 24 years	25	5	—	—	20	3
25 to 34 years	171	19	21	30	11	90
35 to 44 years	94	—	—	17	11	66
45 to 64 years	419	14	5	44	123	233
65 years and over	395	—	—	12	74	309
Female householder, no husband present	2 947	49	85	221	465	2 127
15 to 24 years	46	—	—	—	16	25
25 to 34 years	181	—	8	16	29	128
35 to 44 years	232	19	24	23	48	118
45 to 64 years	971	25	35	96	163	652
65 years and over	1 517	—	18	86	209	1 204
Median age	54.1	36.4	41.0	50.1	55.9	55.5

YEAR HOUSEHOLDER MOVED INTO UNIT

1979 to March 1980	936	133	27	52	152	572
1975 to 1978	2 184	222	122	315	287	1 238
1970 to 1974	1 785	—	218	159	334	1 074
1960 to 1969	3 452	—	—	935	632	1 885
1959 or earlier	5 444	—	—	—	1 213	4 231

ROOMS

1 room	16	—	—	13	—	3
2 rooms	—	—	—	—	—	—
3 rooms	66	—	6	5	14	36
4 rooms	1 079	65	36	166	362	450
5 rooms	2 552	118	105	330	715	1 284
6 rooms	4 066	100	120	463	865	2 518
7 or more rooms	6 022	67	100	484	662	4 709
Median	6.3	5.4	5.8	6.0	5.8	6.6

PLUMBING FACILITIES BY PERSONS PER ROOM

Complete plumbing for exclusive use	13 717	344	367	1 461	2 618	8 927
0.50 or less	8 439	225	183	744	1 584	5 703
0.51 to 1.00	5 025	119	184	676	1 006	3 040
1.01 to 1.50	234	—	—	28	28	141
1.51 or more	19	—	—	13	—	6
Lacking complete plumbing for exclusive use	84	11	—	—	—	73
0.50 or less	55	5	—	—	—	50
0.51 to 1.00	24	6	—	—	—	18
1.01 to 1.50	5	—	—	—	—	5
1.51 or more	—	—	—	—	—	—

PERSONS IN UNIT

1 person	1 873	46	48	156	346	1 277
2 persons	4 014	127	91	372	840	2 584
3 persons	2 669	82	42	273	541	1 731
4 persons	2 485	59	97	315	457	1 557
5 persons	1 509	28	62	203	313	903
6 or more persons	1 251	13	27	142	121	948
Median	2.88	2.55	3.53	3.24	2.73	2.87
Total persons	43 861	1 047	1 228	4 724	7 567	29 295

UNITS IN STRUCTURE

1, detached or attached	11 386	253	333	1 392	2 480	6 928
2	1 837	14	9	55	93	1 666
3 and 4	397	4	4	—	35	354
5 to 9	64	—	—	5	3	50
10 to 49	117	78	21	9	7	2
50 or more	—	—	—	—	—	—
Mobile home or trailer, etc.	—	—	—	—	—	—

SELECTED CHARACTERISTICS

Heating equipment	13 801	355	367	1 461	2 618	9 000
Steam or hot water system	8 958	138	132	624	1 462	6 602
Central warm-air furnace or electric heat pump	3 400	171	170	706	941	1 412
Other built-in electric units	246	11	54	75	29	77
Floor, wall, or pipeless furnace	285	—	—	15	67	203
Other means	912	35	11	41	119	706
Air conditioning	6 226	208	222	811	1 468	3 517
Central system	516	112	45	112	136	111
1 or more individual room units	5 710	96	177	699	1 332	3 406
House heating fuel	13 801	355	367	1 461	2 618	9 000
Utility gas	8 211	287	301	1 131	1 609	4 883
Bottled, tank, or LP gas	24	5	—	—	4	15
Electricity	298	19	54	86	35	104
Fuel oil, kerosene, etc.	5 121	44	7	215	963	3 892
Other	147	—	5	29	7	106
Income in 1979 below poverty level	668	16	—	62	143	447
Percent below poverty level	4.8	4.5	—	4.2	5.5	5.0

HOUSEHOLD INCOME IN 1979

Less than \$5,000	916	20	—	59	186	651
\$5,000 to \$9,999	1 527	33	17	100	250	1 127
\$10,000 to \$14,999	922	13	—	55	180	674
\$15,000 to \$19,999	872	19	—	62	232	540
\$20,000 to \$24,999	2 018	55	57	173	398	1 335
\$25,000 to \$29,999	2 402	70	127	295	380	1 530
\$30,000 to \$34,999	2 853	86	87	410	578	1 692
\$35,000 to \$39,999	1 785	35	47	263	337	1 103
\$40,000 or more	506	24	13	44	77	348
Median	\$21 251	\$22 538	\$23 975	\$24 707	\$20 921	\$20 501
Mean	\$22 864	\$24 485	\$25 939	\$25 871	\$22 755	\$22 219

Owner-occupied housing units

Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
13 801	355	367	1 461	2 618	9 000
9 750	268	256	1 137	1 934	6 155
170	14	6	19	31	100
1 848	124	94	186	295	1 149
1 749	52	73	274	210	1 140
4 342	57	64	558	1 034	2 629
1 641	21	19	100	364	1 137
1 104	38	26	103	219	718
25	5	—	—	20	3
171	19	21	30	11	90
94	—	—	17	11	66
419	14	5	44	123	233
395	—	—	12	74	309
2 947	49	85	221	465	2 127
46	—	—	—	16	25
181	—	8	16	29	128
232	19	24	23	48	118
971	25	35	96	163	652
1 517	—	18	86	209	1 204
54.1	36.4	41.0	50.1	55.9	55.5

Renter-occupied housing units

Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
18 890	752	2 293	2 496	3 069	10 280
6 890	236	727	948	1 018	3 961
988	53	163	201	174	397
2 363	47	238	441	361	1 276
1 031	16	55	70	159	731
1 607	55	129	157	257	1 009
901	65	142	79	67	548
3 962	154	564	473	545	2 226
873	33	176	130	150	384
1 009	12	175	111	119	592
432	6	77	79	59	211
893	61	82	74	99	577
755	42	54	79	118	462
8 038	362	1 002	1 075	1 506	4 093
1 339	34	133	183	368	621
1 417	37	133	187	323	737
827	22	87	105	158	455
1 925	65	177	214	256	1 213
2 530	204	472	386	401	1 067
40.8	58.8	39.7	34.9	35.9	42.9

Table B—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Lowell city	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	13 801	11 386	2 415	—	18 890	1 636	4 547	3 485	3 025	4 860	1 331	6
Condominium housing units	132	32	100	—	10	—	—	—	—	10	—	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	9 750	8 208	1 542	—	6 890	674	2 356	1 295	999	1 293	267	6
15 to 24 years	170	146	24	—	988	67	337	117	149	313	5	—
25 to 34 years	1 848	1 578	270	—	2 363	181	784	505	343	526	24	—
35 to 44 years	1 749	1 509	240	—	1 031	175	377	220	164	82	13	—
45 to 64 years	4 342	3 610	732	—	1 607	193	628	308	202	223	47	6
65 years and over	1 641	1 365	276	—	901	58	230	145	141	149	178	—
Male householder, no wife present	1 104	840	264	—	3 962	242	700	722	609	1 417	272	—
15 to 24 years	25	7	18	—	873	24	145	179	147	344	34	—
25 to 34 years	171	84	87	—	1 009	52	216	202	136	356	47	—
35 to 44 years	94	74	20	—	432	15	62	78	45	216	16	—
45 to 64 years	419	338	81	—	893	92	158	162	182	268	31	—
65 years and over	395	337	58	—	755	59	119	101	99	233	144	—
Female householder, no husband present	2 947	2 338	609	—	8 038	720	1 491	1 468	1 417	2 150	792	—
15 to 24 years	46	24	22	—	1 339	106	200	314	342	371	6	—
25 to 34 years	181	135	46	—	1 417	208	255	301	271	370	12	—
35 to 44 years	232	180	52	—	827	116	168	162	141	227	13	—
45 to 64 years	971	787	184	—	1 925	146	490	384	295	501	109	—
65 years and over	1 517	1 212	305	—	2 530	144	378	307	368	681	652	—
Median age	54.1	53.8	55.4	—	40.8	40.5	39.5	37.4	38.5	37.5	71.3	57.5
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	936	697	239	—	6 231	404	1 161	1 242	1 175	2 029	220	—
1975 to 1978	2 184	1 739	445	—	6 634	550	1 643	1 109	922	1 756	648	6
1970 to 1974	1 785	1 470	315	—	2 645	235	609	454	350	679	318	—
1960 to 1969	3 452	3 064	388	—	1 914	230	536	418	315	296	119	—
1959 or earlier	5 444	4 416	1 028	—	1 466	217	598	262	263	100	26	—
ROOMS												
1 room	16	13	3	—	422	14	6	28	46	270	58	—
2 rooms	—	—	—	—	971	41	69	71	196	313	281	—
3 rooms	66	33	33	—	3 919	79	303	725	844	1 305	663	—
4 rooms	1 079	638	441	—	6 480	449	1 269	1 076	1 096	2 333	251	6
5 rooms	2 552	1 793	759	—	4 309	431	1 642	945	692	542	57	—
6 rooms	4 066	3 333	733	—	2 072	352	1 006	542	102	49	21	—
7 or more rooms	6 022	5 576	446	—	717	270	252	98	49	48	—	—
Median	6.3	6.5	5.5	—	4.1	5.0	4.9	4.4	3.9	3.7	3.0	4.0
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	13 717	11 370	2 347	—	18 298	1 636	4 479	3 361	2 939	4 558	1 319	6
0.50 or less	8 439	6 984	1 455	—	10 816	808	2 614	1 817	1 640	2 943	994	—
0.51 to 1.00	5 025	4 227	798	—	6 743	713	1 653	1 348	1 181	1 517	325	6
1.01 to 1.50	234	146	88	—	613	81	193	165	87	87	—	—
1.51 or more	19	13	6	—	126	34	19	31	31	11	—	—
Lacking complete plumbing for exclusive use	84	16	68	—	592	—	68	124	86	302	12	—
0.50 or less	55	16	39	—	275	—	22	85	35	133	—	—
0.51 to 1.00	24	—	24	—	262	—	46	23	25	156	12	—
1.01 to 1.50	5	—	5	—	43	—	—	16	20	7	—	—
1.51 or more	—	—	—	—	12	—	—	—	6	6	—	—
BEDROOMS												
None	16	13	3	—	541	37	6	42	77	306	73	—
1	534	330	204	—	6 072	128	859	1 110	1 207	1 847	921	—
2	3 025	2 051	974	—	7 713	557	2 006	1 280	1 141	2 442	281	6
3	6 742	5 786	956	—	3 719	655	1 401	869	540	203	51	—
4	2 878	2 686	192	—	688	214	235	149	53	32	5	—
5 or more	606	520	86	—	157	45	40	35	7	30	—	—
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	916	752	164	—	4 458	379	706	703	863	1 132	675	—
\$5,000 to \$9,999	1 527	1 164	363	—	4 555	398	843	923	893	1 098	400	—
\$10,000 to \$12,499	922	759	163	—	2 214	163	492	397	404	647	105	6
\$12,500 to \$14,999	872	720	152	—	1 426	79	412	394	143	366	32	—
\$15,000 to \$19,999	2 018	1 596	422	—	2 908	228	937	496	346	834	67	—
\$20,000 to \$24,999	2 402	2 021	381	—	1 780	141	608	319	207	475	30	—
\$25,000 to \$34,999	2 853	2 386	467	—	1 238	190	462	193	105	266	22	—
\$35,000 to \$49,999	1 785	1 558	227	—	266	52	82	50	50	32	—	—
\$50,000 or more	506	430	76	—	45	6	5	10	14	10	—	—
Median	\$21 251	\$21 660	\$19 321	—	\$10 488	\$10 629	\$13 911	\$10 734	\$8 385	\$10 773	\$4 955	\$11 250
Mean	\$22 864	\$23 271	\$20 949	—	\$12 161	\$13 845	\$14 515	\$12 152	\$10 555	\$11 870	\$6 798	\$10 900
SELECTED CHARACTERISTICS												
Heating equipment	13 801	11 386	2 415	—	18 863	1 636	4 547	3 477	3 006	4 860	1 331	6
Steam or hot water system	8 958	7 380	1 578	—	9 327	854	2 480	1 408	1 553	2 623	409	—
Central warm-air furnace or electric heat pump	3 400	2 995	405	—	2 789	309	646	313	272	871	372	6
Other built-in electric units	246	192	54	—	1 549	27	74	67	131	786	464	—
Floor, wall, or pipeless furnace	285	258	27	—	484	51	74	123	69	126	41	—
Other means	912	561	351	—	4 714	395	1 273	1 566	981	454	45	—
Air conditioning	6 226	5 181	1 045	—	7 127	429	1 313	790	570	3 208	811	6
Central system	516	414	102	—	912	36	17	30	58	491	280	—
Vehicles available	12 568	10 472	2 096	—	12 823	1 137	3 593	2 390	1 817	3 423	457	6
1	5 936	4 739	1 197	—	9 304	795	2 321	1 747	1 393	2 632	410	6
2 or more	6 632	5 733	899	—	3 519	342	1 272	643	424	791	47	—
House heating fuel	13 801	11 386	2 415	—	18 863	1 636	4 547	3 477	3 006	4 860	1 331	6
Utility gas	8 211	6 638	1 573	—	12 051	883	3 413	2 647	1 976	2 769	363	—
Bottled, tank, or LP gas	24	17	7	—	167	8	23	54	44	31	7	—
Electricity	298	240	58	—	1 978	32	84	79	168	957	652	6
Fuel oil, kerosene, etc.	5 121	4 346	775	—	4 592	708	1 023	692	780	1 080	309	—
Other	147	145	2	—	75	5	4	5	38	23	—	—
Water heating fuel	13 785	11 370	2 415	—	18 842	1 636	4 540	3 464	3 019	4 846	1 331	6
Utility gas	9 317	7 487	1 830	—	12 933	1 034	3 674	2 672	2 145	3 017	391	—
Bottled, tank, or LP gas	146	106	40	—	322	24	71	101	58	68	—	—
Electricity	1 240	1 105	135	—	2 357	99	224	245	203	926	654	6
Fuel oil, kerosene, etc.	3 060	2 650	410	—	3 211	479	571	441	606	828	286	—
Other	22	22	—	—	19	—	—	5	7	7	—	—
Family householder	11 715	9 857	1 858	—	10 905	1 216	3 327	2 121	1 702	2 143	390	6
With own children under 18 years	5 533	4 744	789	—	6 491	871	1 912	1 389	1 093	1 133	87	6
With own children under 6 years	1 940	1 617	323	—	3 625	428	1 095	762	640	662	38	—
Female householder, no husband present	1 508	1 246	262	—	3 462	464	828	699	623	763	85	—
With own children under 18 years	503	440	63	—	2 504	381	549	520	485	526	43	—
With own children under 6 years	73	51	22	—	1 076	190	244	219	237	180	6	—
Nonfamily householder	2 086	1 529	557	—	7 985	420	1 220	1 364	1 337	2 717	941	—
Income in 1979 below poverty level	668	502	166	—	3 790	456	690	720	815	818	291	—
Percent below poverty level	4.8	4.4	6.9	—	20.1	27.9	15.2	20.7	26.9	16.8	21.9	—

Table B—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Lowell city	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	13 801	1 873	4 014	2 669	2 485	1 509	756	337	158	2.88	43 861
Nonrelatives present	335	—	179	75	33	11	25	9	3	2.44	1 133
ROOMS											
1 to 3 rooms	82	50	19	7	6	—	—	—	—	1.32	142
4 rooms	1 079	275	516	194	84	7	3	—	—	2.01	2 514
5 rooms	2 552	507	911	471	363	214	59	24	3	2.34	7 564
6 rooms	4 066	482	1 197	806	854	441	196	68	22	2.94	13 063
7 rooms	3 285	303	892	527	703	466	239	128	27	3.35	10 633
8 or more rooms	2 737	256	479	664	475	381	259	117	106	3.45	9 945
Median	6.3	5.7	6.0	6.3	6.4	6.7	7.0	7.1	8.1	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	13 717	1 851	3 994	2 656	2 476	1 500	745	337	158	2.88	43 543
1.00 or less	13 464	1 851	3 985	2 649	2 470	1 493	688	245	83	2.84	41 408
1.01 to 1.50	234	—	—	—	6	7	57	92	72	7.01	2 061
1.51 or more	19	—	9	7	—	—	—	—	3	2.57	74
Lacking complete plumbing for exclusive use	84	22	20	13	9	9	11	—	—	2.50	318
1.00 or less	79	22	20	13	9	9	6	—	—	2.38	275
1.01 to 1.50	5	—	—	—	—	—	5	—	—	6.00	43
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	11 386	1 400	3 323	2 150	2 131	1 315	649	296	122	2.95	33 015
2 or more	2 415	473	691	519	354	194	107	41	36	2.58	10 846
Mobile home or trailer, etc.	—	—	—	—	—	—	—	—	—	—	—
VALUE											
Specified owner-occupied housing units	10 914	1 354	3 136	2 086	2 048	1 276	621	281	112	2.96	30 763
Less than \$10,000	143	35	44	28	17	—	13	6	—	2.33	354
\$10,000 to \$19,999	316	76	94	59	61	17	5	—	4	2.37	792
\$20,000 to \$29,999	1 727	301	568	294	212	195	87	64	6	2.49	4 492
\$30,000 to \$39,999	3 041	391	813	560	610	413	159	79	16	3.07	8 042
\$40,000 to \$49,999	2 765	278	797	546	613	249	158	66	58	3.06	7 661
\$50,000 to \$59,999	1 583	172	507	293	304	204	76	14	13	2.88	4 803
\$60,000 to \$79,999	1 033	94	247	240	160	133	97	47	15	3.23	3 558
\$80,000 to \$99,999	191	7	41	61	31	33	13	5	—	3.28	670
\$100,000 to \$149,999	94	—	25	—	40	16	13	—	—	4.05	316
\$150,000 or more	21	—	—	5	—	16	—	—	—	4.84	75
Median	\$40 800	\$36 800	\$40 600	\$41 700	\$41 700	\$40 400	\$42 600	\$39 000	\$42 600	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	13 801	1 873	4 014	2 669	2 485	1 509	756	337	158	2.88	43 861
Median income	\$21 251	\$7 687	\$16 756	\$24 180	\$25 441	\$24 710	\$27 548	\$29 665	\$33 333	...	...
Median selected monthly owner costs as percentage of household income	18.6	37.1	19.3	15.9	17.7	18.6	15.4	13.5	16.0	...	...
With 0 mortgage	19.8	36.3	22.3	19.8	19.2	18.9	16.5	15.0	16.7	...	...
Not mortgaged	15.5	37.3	16.4	11.7	10—	11.0	10—	11.2	11.1	...	...
Income in 1979 below poverty level	668	304	172	55	39	46	29	9	14	1.67	...
Median income	\$3 100	\$2 853	\$3 473	\$2500—	\$2500—	\$2 500	\$7 344	\$6 875	\$9 375	...	...
Median selected monthly owner costs as percentage of household income	50+	50+	50+	50+	50+	50+	49.0	—	37.5	...	...
With 0 mortgage	50+	50+	50+	50+	50+	50+	49.0	—	37.5	...	...
Not mortgaged	50+	50+	50+	50+	—	27.5	—	—	—	...	...
Renter-occupied housing units	18 890	6 904	5 115	3 010	1 961	1 098	472	197	133	2.00	44 999
Nonrelatives present	1 625	—	913	349	184	85	54	28	12	2.39	4 751
ROOMS											
1 room	422	411	11	—	—	—	—	—	—	1.01	439
2 rooms	971	788	156	20	—	—	—	7	—	1.12	1 215
3 rooms	3 919	2 714	975	173	34	23	—	—	—	1.22	5 428
4 rooms	6 480	1 935	2 272	1 410	574	215	42	29	3	2.07	14 562
5 rooms	4 309	721	1 170	849	834	433	181	61	60	2.81	13 137
6 rooms	2 072	285	418	413	400	289	175	54	38	3.31	7 241
7 or more rooms	717	50	113	145	119	138	74	46	32	3.92	2 977
Median	4.1	3.3	4.1	4.4	4.9	5.2	5.6	5.5	5.6	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	18 298	6 510	5 073	2 964	1 910	1 058	459	191	133	2.02	43 899
1.00 or less	17 559	6 510	5 068	2 951	1 886	846	236	46	16	1.95	39 451
1.01 to 1.50	613	—	—	13	24	195	223	109	49	5.83	3 577
1.51 or more	126	—	5	—	—	17	—	36	68	7.65	871
Lacking complete plumbing for exclusive use	592	394	42	46	51	40	13	6	—	1.25	1 100
1.00 or less	537	394	36	39	41	14	13	—	—	1.18	865
1.01 to 1.50	43	—	—	7	10	20	—	6	—	4.72	191
1.51 or more	12	—	6	—	—	6	—	—	—	3.50	44
UNITS IN STRUCTURE											
1, detached or attached	1 636	372	304	325	225	190	147	37	36	2.94	5 214
2	4 547	1 047	1 425	799	679	368	159	32	38	2.36	12 483
3 and 4	3 485	1 090	918	593	423	243	120	57	41	2.21	9 128
5 to 9	3 025	1 138	796	517	297	186	29	57	5	1.97	6 923
10 to 49	4 860	2 334	1 378	713	293	103	12	14	13	1.57	9 231
50 or more	1 331	923	294	63	38	8	5	—	—	1.22	1 998
Mobile home or trailer, etc.	6	—	—	—	6	—	—	—	—	4.00	22
GROSS RENT											
Specified renter-occupied housing units	18 815	6 897	5 089	2 990	1 961	1 091	464	197	126	1.99	44 769
Less than \$100	1 836	1 283	225	128	120	34	14	18	14	1.22	3 230
\$100 to \$149	1 316	794	311	88	59	7	—	—	—	1.33	2 148
\$150 to \$199	2 805	1 402	784	254	209	104	27	18	7	1.50	5 413
\$200 to \$249	4 007	1 482	1 259	621	347	172	79	19	28	1.91	8 892
\$250 to \$299	4 278	1 091	1 381	893	502	239	84	55	33	2.26	10 952
\$300 to \$349	2 576	527	726	619	392	170	79	45	18	2.56	7 236
\$350 to \$399	1 048	172	192	216	180	183	87	14	4	3.24	3 595
\$400 to \$499	474	53	82	76	106	70	52	13	22	3.75	1 848
\$500 or more	108	6	18	6	27	27	16	8	—	4.39	455
No cash rent	367	87	111	89	19	35	19	7	—	2.37	1 000
Median	\$241	\$198	\$247	\$270	\$274	\$282	\$307	\$274	\$277	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	18 890	6 904	5 115	3 010	1 961	1 098	472	197	133	2.00	44 999
Median income	\$10 488	\$6 359	\$12 755	\$13 586	\$15 289	\$14 779	\$16 053	\$16 450	\$14 620	...	...
Median gross rent as percentage of household income	24.9	29.6	22.6	23.2	21.0	22.3	23.9	19.5	23.8	...	...
Income in 1979 below poverty level	3 790	1 333	751	659	469	319	124	75	60	2.25	...
Median income	\$3 576	\$2500—	\$3 478	\$3 933	\$5 283	\$5 762	\$6 250	\$6 734	\$9 352	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	50+	50+	50+	50+	29.2	...	...

Table B-10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Lowell city	Married-couple families										Male householder, no wife present					Female householder, no husband present					Median age					
	15 to 24 years					25 to 34 years					35 to 44 years					45 to 64 years						65 years and over				
	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years		65 years and over				
Owner-occupied housing units -----																										
PERSONS IN UNIT																										
1 person	1 873	—	—	—	—	—	9	117	36	181	219	16	24	37	358	876	67.9	46	181	232	971	1 517	54.1			
2 persons	4 014	70	265	118	1 246	1 155	7	7	13	118	139	13	64	28	289	442	63.2	16	181	232	971	1 517	54.1			
3 persons	2 669	38	446	183	1 063	396	—	47	9	58	32	11	61	28	169	155	55.1	16	181	232	971	1 517	54.1			
4 persons	2 485	42	673	566	844	60	9	—	18	46	5	6	21	49	103	23	42.5	16	181	232	971	1 517	54.1			
5 persons	1 509	—	360	491	538	14	—	—	—	7	—	—	—	54	12	42.5	46.4	16	181	232	971	1 517	54.1			
6 or more persons	1 251	—	104	391	451	21	—	—	—	9	—	—	—	23	37	9	46.4	16	181	232	971	1 517	54.1			
Median	2 888	249	3 822	4 522	3 377	2 221	2 000	1 233	2 355	1 744	1 400	2 040	2 544	3 700	1 940	1 370	46.4	16	181	232	971	1 517	54.1			
Total persons	43 861	474	6 921	7 958	16 482	3 835	80	270	206	878	580	137	500	917	2 080	2 543	46.4	16	181	232	971	1 517	54.1			
PLUMBING FACILITIES BY PERSONS PER ROOM																										
Complete plumbing for exclusive use	13 717	170	1 837	1 743	4 324	1 618	25	171	94	415	391	46	181	227	966	1 509	54.0	46	181	227	966	1 509	54.0			
1.01 or more persons per room	253	6	22	65	115	26	—	—	—	6	4	—	—	1	9	—	47.3	—	—	—	—	—	47.3			
Lacking complete plumbing for exclusive use	84	—	11	6	5	23	—	—	—	—	—	—	—	5	—	8	62.9	—	—	—	—	—	62.9			
1.01 or more persons per room	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	52.5	—	—	—	—	—	52.5			
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																										
Specified owner-occupied housing units -----																										
With a mortgage	10 914	138	1 533	1 448	3 422	1 305	7	67	74	308	330	20	130	176	776	1 180	53.8	20	130	176	776	1 180	53.8			
Less than 15 percent	6 868	132	1 458	1 360	2 373	366	7	61	56	153	71	20	125	165	375	146	45.3	20	125	165	375	146	45.3			
15 to 19 percent	2 043	—	120	384	1 231	70	—	—	16	48	14	—	—	9	51	29	51.0	—	—	—	—	—	51.0			
20 to 24 percent	1 445	—	328	416	467	48	—	—	21	26	10	—	—	24	50	20	42.8	—	—	—	—	—	42.8			
25 to 29 percent	1 178	—	480	183	286	63	—	—	7	7	8	—	—	31	21	25	37.3	—	—	—	—	—	37.3			
30 to 34 percent	696	—	214	135	184	58	—	—	—	19	—	—	—	14	25	12	41.9	—	—	—	—	—	41.9			
35 percent or more	436	—	130	101	86	12	—	—	—	9	—	—	—	16	26	9	40.5	—	—	—	—	—	40.5			
Not computed	1 040	44	178	141	119	115	14	14	12	31	32	15	90	75	123	51	42.5	15	90	75	123	51	42.5			
Median	30	28	8	18.6	14.7	25.2	17.5	26.8	17.9	20.6	32.5	39.7	47.7	33.6	23.2	24.8	28.6	39.7	47.7	33.6	23.2	24.8	28.6			
Not mortgaged	4 046	6	75	88	1 049	939	—	—	—	18	259	—	—	—	11	401	66.3	—	—	—	—	—	66.3			
Less than 10 percent	1 022	—	15	42	486	147	—	—	5	52	24	—	—	5	131	168	64.4	—	—	—	—	—	64.4			
10 to 14 percent	527	—	13	25	311	254	—	—	9	25	31	—	—	—	51	109	67.4	—	—	—	—	—	67.4			
15 to 19 percent	368	—	19	16	96	71	—	—	—	—	7	—	—	—	22	99	68.6	—	—	—	—	—	68.6			
20 to 24 percent	200	—	9	—	70	151	—	—	—	—	6	—	—	—	12	63	68.2	—	—	—	—	—	68.2			
25 to 29 percent	226	—	—	—	38	64	—	—	—	—	28	—	—	—	6	86	72.6	—	—	—	—	—	72.6			
30 to 34 percent	750	—	—	—	23	83	—	—	—	—	96	—	—	—	118	399	71.8	—	—	—	—	—	71.8			
35 percent or more	8	—	—	5	25	69	—	—	—	—	27	—	—	—	8	67.5	—	—	—	—	—	—	67.5			
Not computed	15.5	10	17.5	10.4	10.6	17.0	—	10	—	13.0	25.4	—	45.0	50+	15.8	27.8	—	—	—	—	—	—	—			
Median	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Renter-occupied housing units -----																										
PERSONS IN UNIT																										
1 person	6 904	—	—	—	—	—	408	681	327	647	642	501	306	121	1 070	2 201	59.7	501	306	121	1 070	2 201	59.7			
2 persons	5 115	343	618	126	637	741	352	218	68	123	81	462	415	152	463	266	37.8	462	415	152	463	266	37.8			
3 persons	3 010	413	622	110	373	119	91	69	6	79	32	285	379	164	227	51	30.5	285	379	164	227	51	30.5			
4 persons	1 961	153	625	236	296	34	19	27	15	11	—	73	179	172	115	6	32.7	73	179	172	115	6	32.7			
5 persons	1 098	—	351	262	140	7	—	—	5	20	—	10	101	129	32	—	34.0	10	101	129	32	—	34.0			
6 or more persons	802	—	147	297	161	—	3	8	11	13	—	18	37	89	18	—	39.3	8	37	89	18	—	39.3			
Median	2 000	215	3 411	4 677	2 955	2 111	1 588	1 244	1 161	1 133	1 091	1 861	2 471	3 361	1 401	1 071	40.6	1 861	2 471	3 361	1 401	1 071	40.6			
Total persons	44 999	2 776	8 377	4 840	5 527	2 005	1 553	1 528	636	1 417	823	2 677	3 650	2 833	3 422	2 955	40.6	2 677	3 650	2 833	3 422	2 955	40.6			
PLUMBING FACILITIES BY PERSONS PER ROOM																										
Complete plumbing for exclusive use	18 298	946	2 332	991	1 575	887	848	949	382	826	673	1 298	1 378	822	1 914	2 457	40.6	1 298	1 378	822	1 914	2 457	40.6			
1.01 or more persons per room	739	17	220	200	102	—	5	—	9	20	—	8	46	36	70	6	37.1	8	46	36	70	6	37.1			
Lacking complete plumbing for exclusive use	592	22	31	40	32	14	25	60	50	67	82	41	39	5	11	73	43.1	41	39	5	11	73	43.1			
1.01 or more persons per room	55	—	12	20	—	—	—	7	—	—	—	6	10	—	—	—	33.0	6	10	—	—	—	33.0			
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																										
Specified renter-occupied housing units -----																										
Less than 15 percent	18 815	948	2 351	1 023	1 600	890	873	1 001	432	893	755	1 339	1 417	827	1 907	2 519	40.7	1 339	1 417	827	1 907	2 519	40.7			
15 to 19 percent	2 921	193	615	221	511	167	101	145	76	97	96	93	101	82	317	106	40.4	93	101	82	317	106	40.4			
20 to 24 percent	3 131	244	590	223	445	179	148	209	75	189	98	101	151	99	230	190	38.5	101	151	99	230	190	38.5			
25 to 29 percent	3 036	143	374	150	210	120	119	215	95	110	135	135	207	129	342	532	41.9	135	207	129	342	532	41.9			
30 to 34 percent	2 004	138	216	162	98	132	77	92	48	77	105	165	105	90	202	337	43.2	165	105	90	202	337	43.2			
35 to 39 percent	1 330	143	174	68	34	61	59	56	38	82	41	80	92	98	182	200	40.5	80	92	98	182	200	40.5			
40 to 49 percent	2 199	145	197	122	133	106	144	90	133	132	116	182	236	98	249	364	45.0	90	133	132	116	182	249	364	45.0	
50 percent or more	3 443	145	197	122	110	91	167	112	29	154	136	528	479	154	336	665	38.5	112	29	154	336	665	38.5			
Not computed	751	7	59	43	60	34	58	82	21	52	32	55	39	35	35	125	42.5	55	39	35	35	125	42.5			
Median	24.9	22.9	19.5	21.5	17.9	23.4	27.6	22.5	22.9	26.6	26.5	39.5	36.4	31.8	26.0	30.8	—	39.5	36.4	31.8	26.0	30.8	—	—		

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Lowell city	Total	Male householder						Female householder					
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
Owner-occupied housing units	1 873	562	9	117	36	181	219	1 311	16	24	37	358	876
PLUMBING FACILITIES													
Complete plumbing for exclusive use	1 851	558	9	117	36	181	215	1 293	16	24	32	353	868
Lacking complete plumbing for exclusive use	22	4	—	—	—	—	4	18	—	—	5	5	8
UNITS IN STRUCTURE													
1, detached or attached	1 400	394	—	59	16	138	181	1 006	11	10	28	277	680
2 or more	473	168	9	58	20	43	38	305	5	14	9	81	196
Mobile home or trailer, etc.	—	—	—	—	—	—	—	—	—	—	—	—	—
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	585	78	—	5	—	27	46	507	7	5	14	87	39
\$5,000 to \$9,999	555	127	—	12	—	16	99	428	—	11	—	100	317
\$10,000 to \$12,499	150	53	4	6	—	37	6	97	4	—	7	40	46
\$12,500 to \$14,999	117	38	—	17	—	5	16	79	—	—	7	54	18
\$15,000 to \$19,999	260	162	5	54	18	44	41	98	5	8	5	28	52
\$20,000 to \$24,999	81	40	—	—	15	18	7	41	—	—	—	32	9
\$25,000 to \$34,999	78	40	—	13	3	20	4	38	—	—	4	8	26
\$35,000 to \$49,999	33	10	—	10	—	—	—	23	—	—	—	9	14
\$50,000 or more	14	14	—	—	—	14	—	—	—	—	—	—	—
Median	\$7 687	\$14 013	\$17 750	\$17 781	\$20 000	\$15 982	\$7 535	\$6 428	\$10 625	\$8 000	\$11 607	\$9 701	\$5 498
Mean	\$10 589	\$15 107	\$15 321	\$17 630	\$20 343	\$18 853	\$9 794	\$8 653	\$9 300	\$10 083	\$11 254	\$11 122	\$7 482
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	1 354	373	—	45	16	135	177	981	7	5	28	273	668
With a mortgage	329	133	—	45	7	36	45	196	7	—	22	108	59
Less than \$200	8	8	—	—	—	—	8	—	—	—	—	—	—
\$200 to \$249	74	35	—	5	—	11	19	39	—	—	—	31	8
\$250 to \$299	55	14	—	—	—	9	5	41	7	—	—	19	15
\$300 to \$349	66	26	—	19	7	—	—	40	—	—	—	32	8
\$350 to \$399	39	6	—	—	—	—	6	33	—	—	7	20	6
\$400 to \$499	36	21	—	14	—	—	7	15	—	—	15	—	—
\$500 to \$599	35	23	—	7	—	16	—	12	—	—	—	6	6
\$600 to \$749	16	—	—	—	—	—	—	16	—	—	—	—	16
\$750 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	\$321	\$318	—	\$346	\$325	\$289	\$238	\$322	\$275	—	\$413	\$306	\$341
Not mortgaged	1 025	240	—	—	9	99	132	785	—	5	6	165	609
Less than \$50	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$74	10	—	—	—	—	—	—	10	—	—	—	—	10
\$75 to \$99	8	8	—	—	—	—	8	—	—	—	—	—	—
\$100 to \$124	55	6	—	—	—	—	6	49	—	—	—	7	42
\$125 to \$149	82	26	—	—	—	26	—	56	—	—	—	6	50
\$150 to \$199	463	90	—	—	9	20	61	373	—	5	6	78	284
\$200 to \$249	269	87	—	—	—	40	47	182	—	—	—	59	123
\$250 or more	138	23	—	—	—	13	10	115	—	—	—	15	100
Median	\$189	\$194	—	—	\$175	\$204	\$193	\$187	—	\$175	\$175	\$195	\$186
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	37.1	26.6	—	31.5	14.0	19.1	33.8	40.7	50+	45.0	50.0	32.1	43.4
With a mortgage	36.3	30.1	—	31.5	22.5	31.7	23.4	46.9	50+	—	45.7	34.6	50+
Not mortgaged	37.3	19.1	—	—	10.5	15.5	34.6	39.8	—	45.0	50+	28.1	41.0
Income in 1979 below poverty level	304	42	—	5	—	19	18	262	7	—	8	55	192
Percent below poverty level	16.2	7.5	—	4.3	—	10.5	8.2	20.0	43.8	—	21.6	15.4	21.9
Renter-occupied housing units	6 904	2 705	408	681	327	647	642	4 199	501	306	121	1 070	2 201
PLUMBING FACILITIES													
Complete plumbing far exclusive use	6 510	2 441	383	634	277	587	560	4 069	470	290	116	1 059	2 134
Lacking complete plumbing far exclusive use	394	264	25	47	50	60	82	130	31	16	5	11	67
UNITS IN STRUCTURE													
1, detached or attached	372	142	10	36	8	40	48	230	14	32	5	59	120
2	1 047	450	46	163	56	119	66	597	44	23	—	246	284
3 and 4	1 090	422	52	126	47	124	73	668	105	56	41	209	257
5 to 9	1 138	420	96	80	25	132	87	718	145	76	37	155	305
10 to 49	2 334	1 055	191	252	180	208	224	1 279	193	119	38	325	604
50 or more	923	216	13	24	11	24	144	707	—	—	—	76	631
Mobile home or trailer, etc.	—	—	—	—	—	—	—	—	—	—	—	—	—
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	2 897	787	95	138	42	163	349	2 110	125	51	49	398	1 487
\$5,000 to \$9,999	1 925	677	136	124	44	196	177	1 248	210	82	35	369	552
\$10,000 to \$12,499	990	508	105	156	77	132	38	482	132	86	22	154	88
\$12,500 to \$14,999	331	188	16	99	47	20	6	143	18	49	—	43	33
\$15,000 to \$19,999	516	369	49	100	76	109	35	147	16	27	9	61	34
\$20,000 to \$24,999	128	85	—	40	25	20	—	43	—	11	6	19	7
\$25,000 to \$34,999	73	47	7	18	16	—	6	26	—	—	—	26	—
\$35,000 to \$49,999	24	24	—	6	—	—	18	—	—	—	—	—	—
\$50,000 or more	20	20	—	—	—	7	13	—	—	—	—	—	—
Median	\$6 359	\$9 168	\$9 363	\$11 258	\$12 527	\$8 356	\$4 748	\$4 985	\$8 268	\$10 581	\$6 198	\$7 299	\$4 273
Mean	\$7 948	\$10 118	\$8 987	\$11 087	\$12 553	\$9 636	\$9 055	\$6 549	\$7 609	\$10 077	\$7 112	\$7 996	\$5 084
GROSS RENT													
Specified renter-occupied housing units	6 897	2 705	408	681	327	647	642	4 192	501	306	121	1 070	2 194
Less than \$100	1 283	276	—	—	14	31	231	1 007	13	5	—	138	851
\$100 to \$149	794	333	19	81	12	108	113	461	30	22	—	129	280
\$150 to \$199	1 402	641	117	169	70	154	131	761	107	29	55	291	279
\$200 to \$249	1 482	620	103	219	79	158	61	862	146	112	23	249	332
\$250 to \$299	1 091	448	106	109	100	72	61	643	109	88	23	185	238
\$300 to \$349	527	215	32	58	39	66	20	312	80	34	20	40	138
\$350 to \$399	172	72	25	7	5	24	11	100	8	12	—	29	51
\$400 to \$499	53	49	6	20	—	23	—	4	—	4	—	—	—
\$500 or more	6	6	—	6	—	—	—	—	—	—	—	—	—
No cash rent	87	45	—	12	8	11	14	42	8	—	—	9	25
Median	\$198	\$207	\$236	\$217	\$240	\$210	\$130	\$190	\$234	\$241	\$213	\$196	\$142
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	29.6	26.8	30.2	23.6	23.2	30.0	28.2	31.8	35.2	28.3	34.0	30.8	32.2
Income in 1979 below poverty level	1 333	455	88	117	35	74	141	878	104	33	43	228	470
Percent below poverty level	19.3	16.8	21.6	17.2	10.7	11.4	22.0	20.9	20.8	10.8	35.5	21.3	21.1

Table B—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Lowell city					Lowell city				
	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units	119	39	49	31	Vacant for rent housing units	1 141	337	437	367
ROOMS					ROOMS				
1 to 3 rooms	6	6	—	—	1 room	81	35	26	20
4 rooms	30	18	8	4	2 rooms	55	—	40	15
5 rooms	54	9	24	21	3 rooms	265	69	54	142
6 rooms	6	—	6	—	4 rooms	362	122	149	91
7 rooms	—	—	—	—	5 rooms	264	66	146	52
8 or more rooms	23	6	11	6	6 rooms	90	29	22	39
Median	4.9	4.3	5.2	5.0	7 or more rooms	24	16	—	8
					Median	4.0	4.0	4.2	3.6
PLUMBING FACILITIES					PLUMBING FACILITIES				
Complete plumbing for exclusive use	119	39	49	31	Complete plumbing for exclusive use	1 070	311	405	354
Lacking complete plumbing for exclusive use	—	—	—	—	Lacking complete plumbing for exclusive use	71	26	32	13
BEDROOMS					BEDROOMS				
None	—	—	—	—	None	97	35	42	20
1	6	6	—	—	1	358	89	116	153
2	44	27	13	4	2	529	172	218	139
3	63	—	36	27	3	134	41	55	38
4	6	6	—	—	4	23	—	6	17
5 or more	—	—	—	—	5 or more	—	—	—	—
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1975 to March 1980	20	5	—	15	1975 to March 1980	10	3	7	—
1970 to 1974	—	—	—	—	1970 to 1974	72	30	18	24
1960 to 1969	2	—	2	—	1960 to 1969	119	61	45	13
1950 to 1959	—	—	—	—	1950 to 1959	118	19	66	33
1940 to 1949	4	4	—	16	1940 to 1949	136	43	44	49
1939 or earlier	93	30	47	—	1939 or earlier	686	181	257	248
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1, detached or attached	51	11	19	21	1, detached or attached	87	33	21	33
2 or more	68	28	30	10	2	308	75	113	120
Mobile home or trailer	—	—	—	—	3 and 4	126	20	79	27
HEATING EQUIPMENT					5 to 9	226	58	101	67
Central heating system	78	39	14	25	10 to 49	385	151	123	111
Other means	41	—	35	6	50 or more	9	—	—	9
None	—	—	—	—	Mobile home or trailer	—	—	—	—
PRICE ASKED					RENT ASKED				
Specified vacant for sale only housing units	51	11	19	21	Specified vacant for rent housing units	1 141	337	437	367
Less than \$10,000	—	—	—	—	Less than \$100	154	28	84	42
\$10,000 to \$19,999	6	—	—	6	\$100 to \$149	252	32	90	130
\$20,000 to \$29,999	—	—	—	—	\$150 to \$199	312	78	141	93
\$30,000 to \$39,999	11	5	6	15	\$200 to \$249	256	126	79	51
\$40,000 to \$49,999	23	6	2	—	\$250 to \$299	125	51	23	51
\$50,000 to \$59,999	11	—	11	—	\$300 to \$399	42	22	20	—
\$60,000 to \$79,999	—	—	—	—	\$400 or more	—	—	—	—
\$80,000 to \$99,999	—	—	—	—	Median	\$176	\$210	\$166	\$163
\$100,000 or more	—	—	—	—					
Median	\$42 800	\$45 400	\$50 700	\$41 500					

Table B—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Price asked—Specified vacant for sale only housing units								Rent asked—Specified vacant for rent housing units							
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)		Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
Lowell city															
Total	51	—	6	34	11	—	42 800	1 141	154	564	381	42	—	—	176
PLUMBING FACILITIES															
Complete plumbing for exclusive use	51	—	6	34	11	—	42 800	1 070	124	539	373	34	—	—	179
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	71	30	25	8	8	—	—	106
BEDROOMS															
None	—	—	—	—	—	—	—	97	24	58	15	—	—	—	145
1	—	—	—	—	—	—	—	358	38	205	115	—	—	—	170
2	12	—	—	7	5	—	47 500	529	85	194	224	26	—	—	190
3	33	—	6	21	6	—	41 500	134	7	84	27	16	—	—	183
4	6	—	—	6	—	—	47 500	23	—	23	—	—	—	—	168
5 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
YEAR STRUCTURE BUILT															
1975 to March 1980	20	—	—	20	—	—	41 700	10	—	—	10	—	—	—	218
1970 to 1974	—	—	—	—	—	—	—	72	5	—	53	14	—	—	268
1960 to 1969	2	—	—	2	—	—	47 500	119	24	27	60	8	—	—	210
1950 to 1959	—	—	—	—	—	—	—	118	31	35	52	—	—	—	191
1940 to 1949	—	—	—	—	—	—	—	136	14	67	55	—	—	—	186
1939 or earlier	29	—	6	12	11	—	47 100	686	80	435	151	20	—	—	161
UNITS IN STRUCTURE															
1, detached or attached	51	—	6	34	11	—	42 800	87	27	32	21	7	—	—	129
2 or more	—	—	—	—	—	—	—	1 054	127	532	360	35	—	—	178
Mobile home or trailer	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Appendix A.—Area Classifications

REGIONS	A-1
STATES	A-1
PLACES	A-1
Incorporated Places	A-1
Census Designated Places	A-1
STANDARD METROPOLITAN STATISTICAL AREAS	A-1
Definition	A-1
SMSA Titles	A-1
New SMSA Standards	A-2
BOUNDARY CHANGES	A-2
AREA MEASUREMENT	A-2

REGIONS

Regions are large groups of States that form the first-order subdivisions of the United States for census purposes. The four regions are the Northeast, North Central, South, and West.

STATES

The 50 States and the District of Columbia are the constituent units of the United States.

PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below. Places with a 1980 population below 50,000 are not shown in this report unless they are central cities of standard metropolitan statistical areas.

Incorporated Places

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six

New England States, New York, and Wisconsin.

Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." In the 1970 and earlier censuses, these places were identified by "(U)," meaning "unincorporated place."

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision maps in the HC80-1-A, *General Housing Characteristics*, reports for States. Detailed maps are available for purchase from the Census Bureau.

Eleven states, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New York, New Jersey, Pennsylvania, Rhode Island, Vermont, and Wisconsin), contain towns or townships which are coextensive with census designated places (CDP's). Data for these areas are not shown in the tables.

STANDARD METROPOLITAN STATISTICAL AREAS

Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined

by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The housing units in SMSA's may also be referred to as the metropolitan housing and are subdivided into "inside central city (or cities)" and "outside central city (or cities)." The housing units outside SMSA's constitute the non-metropolitan housing.

In the United States Summary report and the State reports, the data shown for "Central Cities of SMSA's" are the sum of all central cities excluding any rural area and any legal area that is outside of a standard metropolitan statistical area. In the individual SMSA reports, the data shown for central cities and places of 50,000 or more inhabitants are for the legal definition of the city without regard to urban or SMSA restrictions.

SMSA Titles

Each SMSA except one (Nassau-Suffolk, N.Y.) has at least one central city. The titles of SMSA's include up to three city names, as well as the name of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's,

with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

New SMSA Standards

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the

basis of population estimates but whose qualification was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

When the data on commuting flows become available from 1980 census tabulations, the new standards will be applied to the areas existing on January 1, 1980, and the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

BOUNDARY CHANGES

The boundaries of some of the areas shown in this series of reports have

changed between an earlier census and January 1, 1980. Information on boundary changes for incorporated places is presented in table 4 of the 1980 Census of Population report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

AREA MEASUREMENT

Area measurement figures for standard metropolitan statistical areas, central cities, and places of 50,000 inhabitants or more can be found in the 1980 Census of Population report, PC80-1-A1, United States Summary.

Appendix B.—Definitions and Explanations of Subject Characteristics

GENERAL	B-1	Persons	B-6
LIVING QUARTERS	B-1	Rooms	B-6
Housing Units	B-1	Persons Per Room	B-6
Comparability With 1970		Bedrooms	B-6
Census Housing Unit Data ..	B-2	STRUCTURAL	
Group Quarters	B-2	CHARACTERISTICS	B-6
Comparability With 1970 Cen-		Year Structure Built	B-6
sus Group Quarters Data	B-2	Units in Structure	B-6
Rules for Hotels, Room-		Stories in Structure	B-6
ing Houses, Etc.	B-2	Passenger Elevator	B-6
Staff Living Quarters	B-2	PLUMBING	
Year-Round Housing Units ..	B-2	CHARACTERISTICS	B-6
OCCUPANCY AND VACANCY		Plumbing Facilities	B-6
CHARACTERISTICS	B-2	Comparability With 1970	
Occupied Housing Units	B-2	Census Plumbing Facilities	
Householder	B-2	Data	B-6
Child	B-2	EQUIPMENT AND FUELS	B-6
Nonrelative	B-3	Heating Equipment	B-6
Age of Householder	B-3	Comparability With 1970	
Household Type	B-3	Census Heating Equipment	
Year Householder Moved		Data	B-6
Into Unit	B-3	Air Conditioning	B-7
Vacant Housing Units	B-3	Vehicles Available	B-7
Vacancy Status	B-3	Comparability With 1970	
Duration of Vacancy	B-3	Census Automobiles	
Tenure	B-3	Available Data	B-7
Condominium Housing Units ..	B-3	Fuels Used for House Heating	
Comparability With 1970		and Water Heating	B-7
Census Condominium		FINANCIAL	
Housing Unit Data	B-3	CHARACTERISTICS	B-7
Race of the Householder	B-3	Value	B-7
Comparability Between Sam-		Price Asked	B-7
ple and 100-Percent Data		Mortgage Status and Selected	
for Race of the Householder ..	B-4	Monthly Owner Costs	B-7
Comparability With 1970		Mortgage Status and Selected	
Census Data on Race of the		Monthly Owner Costs as a	
Householder	B-4	Percentage of House-	
Spanish/Hispanic Origin of		hold Income in 1979	B-7
the Householder	B-5	Rent	B-7
Limitations of the Data		Gross Rent as a Percentage	
on Householders of		of Household Income	
Spanish/Hispanic Origin	B-5	in 1979	B-8
Comparability Between		Household Income in 1979 ..	B-8
Sample and 100-Percent		Median Income	B-8
Data on Householders of		Comparability With 1970	
Spanish/Hispanic Origin	B-5	Census Income Data	B-8
Comparability With 1970		Poverty Status in 1979	B-8
Census Data on House-		GENERAL	
holders of Spanish Origin			
and Householders of			
Spanish Heritage	B-5		
UTILIZATION			
CHARACTERISTICS	B-6		

The 1980 census was conducted primarily through self-enumeration. The principal

determinant for the responses was, therefore, the questionnaire and its accompanying instruction guide. Furthermore, census takers were instructed, in their telephone and personal-visit interviews, to read the questions directly from the questionnaire. The definitions and explanations given below for each subject are drawn largely from various technical and procedural materials used in the collection of the data. These materials helped the census interviewers to understand more fully the intent of each question, and thus to resolve problems or unusual cases in a manner consistent with this intent. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Facsimiles of the questionnaire pages containing the population and housing questions used to produce the data shown in this report and the pages of the respondent instruction guide which relate to these questions are presented in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages."

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for non-residential use (e.g., the rooms in a warehouse where a night guard lives), as well as in boats, tents, vans, etc.

Housing Units—A housing unit is a house, an apartment, a group of rooms, or a single room occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from

any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

Comparability With 1970 Census Housing Unit Data—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

Group Quarters—Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group quarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living

quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the householder (person listed in column 1 of the census questionnaire), or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

Comparability With 1970 Census Group Quarters Data—In 1970 a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge, by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

Rules for Hotels, Rooming Houses, Etc.—Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

Staff Living Quarters—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

Year-Round Housing Units—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant

units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics.

OCCUPANCY AND VACANCY CHARACTERISTICS

Occupied Housing Units—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports.

In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences between figures on occupied housing units shown here and comparable figures on households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

Householder—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

Child—A child is a son, daughter, stepchild, or adopted child of the householder regardless of the child's age or marital status. The category excludes sons-in-law and daughters-in-law. In this report, those classified as "own children" are sons and daughters, including stepchildren and adopted children, of the householder who are single (never married) and under 18 years of age.

Nonrelative—A nonrelative is any person in the household not related to the householder by birth, marriage, or adoption. Roomers, boarders, partners, roommates, paid employees, wards, and foster children are classified as nonrelatives. This report shows the number of households with one or more nonrelatives present in the unit.

Age of Householder—The age classification is based on the age of the person in completed years as of April 1, 1980. The data on age represent the difference, as calculated in the computer, between date of birth and April 1, 1980.

Household Type—Statistics by age of householder are presented separately for the following household types:

Married-couple families. For each household of this type, the householder and his or her spouse are enumerated as members of the same household. This category includes couples in formal marriages as well as in common-law marriages.

Male householder, no wife present. This type includes any household maintained by a male, regardless of his marital status, provided no wife is present in the household. Included are male householders who have no wife; male householders whose wives live elsewhere because of separation (marital discord) or other reason; and male householders who are widowed, divorced, or single.

Female householder, no husband present. This type includes any household maintained by a female, regardless of her marital status, provided no husband is present in the household. Included are female householders who have no husband and female householders whose husbands live elsewhere, as, for example, husbands in the Armed Forces living on a military base and female householders who are widowed, divorced, or single.

This report presents data on selected characteristics for one-person households, separately for male and female householders.

Year Householder Moved into Unit—Data presented for this item are based on the in-

formation reported for the householder and refer to the year of the latest move. If the householder moved back into a unit the person previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time (see question H19 in appendix E).

Vacant Housing Units—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements; i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

Vacancy Status—The data on vacancy status were tabulated from responses to questionnaire item C (see item C in appendix E). The data presented in this report are for year-round housing units "Vacant for sale only" and "Vacant for rent."

For sale only. Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

For rent. Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

Duration of Vacancy—The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration (see item D in appendix E). The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

Tenure—A housing unit is "Owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent (see question H8 in appendix E).

Condominium Housing Units—A condominium involves ownership that enables a person to own an apartment or house in a development of similar units and to hold a common or joint ownership in common areas, hallways, entrances, elevators, etc. The owner has a deed to the individual unit, and, very likely, a mortgage on the unit. A condominium housing unit need not be occupied by the owner to be counted as such (see question H9 in appendix E).

Comparability With 1970 Census Condominium Housing Unit Data—In 1970, owner-occupied cooperatives and condominium housing units were identified together. The 1980 census identifies only condominium housing units. The 1980 question provides data on vacant and renter-occupied condominium housing units, not just owner-occupied condominium housing units as in 1970.

Race of the Householder—The data on race of the householder were derived from the answer to question 4, for the person listed in column 1 of the census questionnaire (see appendix E). The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according

to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used; if, however, a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category. In the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed in the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, or Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as "American Indian."

The category "Asian or Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, and Guamanian, as well as persons who provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fijian under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Nipponese and

Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc. "Race, n.e.c." includes all other persons not in the categories "White," "Black," "American Indian, Eskimo, or Aleut," and "Asian or Pacific Islander." Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c."

If the race entry for the householder was missing on the questionnaire, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Comparability Between Sample and 100-Percent Data for Race of the Householder

Estimates of the number of householders by race shown in this report may differ from complete count figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. Sampling variability and nonsampling error are explained in Appendix D, "Accuracy of the Data." The effect of the additional edit and review procedures varies substantially by racial group and geographic area but is generally negligible. A discussion of these procedures may be found in Series HC80-1-B, *Detailed Housing Characteristics*, and PC80-1-C, *Social and Economic Characteristics of the Population*.

Comparability With 1970 Census Data on Race of the Householder

Differences in census procedures and reporting by respondents in the 1980 census and 1970 census seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and

comparability for the "White" population and the "Race, n.e.c." or "Other" race populations (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally in 1970, only 1 percent of the Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion—38 percent—of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 total for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race

category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fijian were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 census; in 1970, most of these groups were included in the "Other" race category.

In 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for Hawaiians and Koreans at the national level.

Spanish/Hispanic Origin of the Householder—The data on Spanish/Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 of the census questionnaire (see appendix E).

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban, or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/Hispanic" origin are those whose origin is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc. Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the

sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Limitations of the Data on Householders of Spanish/Hispanic Origin

A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred mainly in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary reports, Series PC80-S1-7, "*Persons of Spanish Origin by State: 1980.*"

Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin

The data on householders of Spanish origin shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and for corresponding areas in the HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

Comparability With 1970 Census Data on Householders of Spanish Origin and Householders of Spanish Heritage

The 1980 census figures on householders of Spanish origin are not directly comparable with the 1970 census data on householders of Spanish origin because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvements explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Spanish/Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respondents misinterpreted the category. Furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

The 1970 Census *Metropolitan Housing Characteristics* reports present data on housing units occupied by householders of Spanish heritage. In the 1970 census, the

category Spanish heritage was created to consolidate data for Spanish ancestry persons in various parts of the United States. The Spanish heritage population, therefore, was specifically termed when reference was made to particular areas. For example, in five southwestern States (Arizona, California, Colorado, New Mexico, and Texas) the population of Spanish heritage was specified as the population of Spanish language or surname; in three mid-Atlantic States (New York, New Jersey, and Pennsylvania), as the population of Puerto Rican birth or parentage; and in the remaining 42 States and the District of Columbia, as the population of Spanish language. The information for the population of Spanish heritage was obtained from the 15-percent sample of the census questionnaires. Data for this group of householders are not comparable to the 1980 census data on householders of Spanish origin which were based only on responses to the specific census question on Spanish/Hispanic origin for the person listed in column 1 of the census questionnaire.

UTILIZATION CHARACTERISTICS

Persons—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons. "Total persons" is the total number of persons living in the housing units in the particular category.

Rooms—The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms (see question H7 in appendix E). The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling.

Persons Per Room—"Persons per room" is a derived measure obtained by dividing the

number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

Bedrooms—The number of "Bedrooms" in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom (see question H24 in appendix E).

STRUCTURAL CHARACTERISTICS

Year Structure Built—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration (see question H18 in appendix E).

Units in Structure—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (see question H13 in appendix E).

Stories in Structure—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes (see question H14a in appendix E).

Passenger Elevator—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. If the housing units in structures with four or

more stories have an elevator used only for freight, the units are not included in the category "With elevator" (see question H14b in appendix E).

PLUMBING CHARACTERISTICS

Plumbing Facilities—The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present (see question H6 in appendix E).

Comparability With 1970 Census Plumbing Facilities Data—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

EQUIPMENT AND FUELS

Heating Equipment—Respondents were asked to report the type of heating equipment used as the primary source of heat for their housing unit. The categories shown in the report are: (1) steam or hot water system; (2) central warm-air furnace or electric heat pump; (3) other built-in electric units; (4) floor, wall, or pipeless furnace; and (5) other means. "Other means" includes room heaters with flue or vent that burn gas, oil, or kerosene; nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. A central heating system includes types (1) through (4) listed above. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit (see question H20 in appendix E).

Comparability With 1970 Census Heating Equipment Data—In 1970, central

Appendix B.—Definitions and Explanations of Subject Characteristics

heat pumps were included as part of the category "Warm-air furnace" and individual room heat pumps were included in the category "Built-in electric units." In 1980, heat pumps have been combined and are included in this report in the category "Central warm-air furnace or electric heat pump."

Air Conditioning—"Air conditioning" is defined as the cooling of air by a refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air conditions a number of rooms. In an apartment building, such a system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A system with individual room controls is a central system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room (see question H27 in appendix E).

Vehicles Available—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of one-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more; police and government cars kept at home; and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and cars, vans, and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles (see questions H28 and H29 in appendix E).

Comparability With 1970 Census Automobiles Available Data—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained. Taxicabs, pickups, or large trucks were not counted. In 1980, the data on automobiles available include taxicabs if kept at home for use of household members but exclude pickups or larger trucks. Separate

data were obtained in 1980 on the number of housing units with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

Fuels Used for House Heating and Water Heating—"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood (see question H21 in appendix E).

FINANCIAL CHARACTERISTICS

Value—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale (see question H11 in appendix E).

Value is tabulated for certain kinds of housing units. Value statistics are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owner-occupied" universes are the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

Price Asked—For vacant for sale only housing units, the price asked is the amount asked for the property at the time of enumeration. The statistics on price asked are shown for "Specified vacant for sale only" housing units, which include vacant for sale only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data also exclude condominium units and mobile homes.

Mortgage Status and Selected Monthly Owner Costs—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only

one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions of owner costs are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.) (see questions H30, H31, and H32 in appendix E).

Mortgage Status and Selected Monthly Owner Costs as a Percentage of Household Income in 1979—Selected monthly housing costs is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same owner-occupied units for which selected monthly owner costs was tabulated; thus, the statistics reflect the exclusion of certain owner-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units occupied by households that reported no income or a net loss comprise the category "Not computed."

Rent—The statistics on rent are tabulated for "Specified renter-occupied" housing units and for "Specified vacant for rent" housing units which include renter units except one-family houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the rent tabulations.

Contract Rent. "Contract rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included (see question H12 in appendix E).

Gross Rent. The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are

Appendix B.—Definitions and Explanations of Subject Characteristics

paid for by the renter (or paid for the renter by someone else) in addition to rent. Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process (see questions H12 and H22 in appendix E).

Rent Asked. For "Specified vacant for rent" housing units, the rent asked is the amount asked for the rental of the unit at the time of enumeration.

Gross Rent as a Percentage of Household Income in 1979

—Monthly gross rent is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss comprise the category "Not computed."

Household Income in 1979—Household income is the sum of the money income of all persons 15 years old and over occupying the housing unit, including persons not related to the householder. Data on income are based on money income received in the calendar year 1979. Income is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty income; Social Security or Railroad Retirement income; public assistance or welfare income; and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employer's contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the composition of households refers to the time of enumeration (April 1, 1980). However, the composition of most households was the same during 1979 as in April 1980. There may be differences between the data on household income in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

Median Income—The median income values presented in this report are computed on the basis of more detailed income intervals than shown in the tables. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through pareto interpolation.

Comparability With 1970 Census Income Data

—In 1970, the statistics on income presented in Series HC80-2, *Metropolitan Housing Characteristics* reports related to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Income of persons living in

the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

Poverty Status in 1979—Households are classified below the poverty level when the total 1979 income of the family or of the non-family householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary depending upon three criteria: size of family, number of children, and age of the family householder or unrelated individual. The criteria used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in the Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

There may be slight differences between the data on poverty status in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

Appendix B.—Definitions and Explanations of Subject Characteristics

Thresholds at the Poverty Level in 1979 by Size of Family and Number of Related Children Under 18 Years

(Figures in dollars. For meaning of symbols, see Introduction)

Size of Family Unit	Weighted average thresholds	Related children under 18 years								
		None	1	2	3	4	5	6	7	8 or more
1 person (unrelated individual).....	3,686	3,686	...	...	...	...	...	...	...	...
Under 65 years.....	3,774	3,774	...	...	...	...	...	...	...	...
65 years and over.....	3,479	3,479	...	...	...	...	...	...	...	...
2 persons.....	4,723	4,723	...	...	...	...	...	...	...	...
Householder under 65 years.....	4,876	4,858	5,000	...	...	...	...	...	...	...
Householder 65 years and over.....	4,389	4,385	4,981	...	...	...	...	...	...	...
3 persons.....	5,787	5,674	5,839	5,844	...	...	...	...	...	...
4 persons.....	7,412	7,482	7,605	7,356	7,382	...	...	...	...	...
5 persons.....	8,776	9,023	9,154	8,874	8,657	8,525	...	...	...	...
6 persons.....	9,915	10,378	10,419	10,205	9,999	9,693	9,512	...	...	...
7 persons.....	11,237	11,941	12,016	11,759	11,580	11,246	10,857	10,429	...	...
8 persons.....	12,484	13,356	13,473	13,231	13,018	12,717	12,334	11,936	11,835	...
9 or more persons.....	14,812	16,066	16,144	15,929	15,749	15,453	15,046	14,677	14,586	14,024

Appendix C.—General Enumeration and Processing Procedures

USUAL PLACE OF RESIDENCE. . .	C-1
Armed Forces.	C-1
Crews of Merchant Vessels	C-1
Persons Away at School	C-1
Persons in Institutions	C-1
Persons Away From Their Residence on Census Day	C-1
Americans Abroad.	C-2
Citizens of Foreign Countries. . .	C-2
DATA COLLECTION	
PROCEDURES.	C-2
PROCESSING PROCEDURES. . .	C-2

USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

Armed Forces

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which

they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

Crews of Merchant Vessels

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was

not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be

away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire

was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of

Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototypesetting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.

Appendix D.—Accuracy of the Data

INTRODUCTION	D-1
SAMPLE DESIGN	D-1
ERRORS IN THE DATA	D-1
Calculation of Standard Errors	D-2
Totals and Percentages	D-2
Differences	D-2
Means	D-2
Medians	D-2
Confidence Intervals	D-3
Use of Tables to Compute Standard Errors	D-3
ESTIMATION PROCEDURE	D-3
CONTROL OF NONSAMPLING ERROR	D-5
Undercoverage	D-5
Respondent and Enumerator Error	D-5
Processing Error	D-6
Nonresponse	D-6
EDITING OF UNACCEPTABLE DATA	D-6
ALLOCATION TABLES	D-6

INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

SAMPLE DESIGN

While every person and housing unit in the 1980 census was enumerated on a

questionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other areas, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small areas. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In areas containing about 95 percent of the population the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was prepared for the enumerator. Beginning about Census Day, the enumerator sys-

tematically canvassed the area and listed all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

ERRORS IN THE DATA

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex

operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

Calculation of Standard Errors

Totals and Percentages—Tables A through D in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D. The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

- Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- Find the geographic area with which you are working in table D and obtain the housing unit "percent in sample" figure for this area.
- Use table C to obtain the factor for the characteristics (e.g., air-

conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and non-sampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

Differences—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference the tables are to be used somewhat differently in the following three situations:

- For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors Se_x and Se_y of estimates x and y :

$$Se_{(x+y)} = Se_{(x-y)} = \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively)

correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

- For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

Means—The standard error of a mean depends upon the variability of the distribution on which the mean is based, the size of the sample, the sample design (e.g., the use of households as a sampling unit), and the estimation procedure used.

An approximation to the standard error of the mean may be obtained as follows: compute the variance of the distribution on which the mean is based; multiply this value by five and divide the product by the total count of units in the distribution; obtain the square root of this quotient and multiply the result by the adjustment factor from table C that is appropriate for the characteristic on which the mean is based.

Medians—For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as $N/2$). Treat $N/2$ as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D. Compute the desired confidence interval about $N/2$. Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about $N/2$. By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from

the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about N/2. Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- (1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and
- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these

figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

Use of Tables to Compute Standard Errors

See appendix D of any 1980 Census of Housing, HC-80-1-B, *Detailed Housing Characteristics* report, for examples showing the computation of standard errors and the formation of confidence intervals.

ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family or household characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of

five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons, the first stage employed 17 household type groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

PERSONS

Stage I—Type of Household

Group	Persons in Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	Persons in Housing Units With a Family Without Own Children Under 18
6-10	2 persons in housing unit through 8 or more persons in housing unit
	Persons in All Other Housing Units
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit
17	Persons in group quarters

Stage II—Householder/ Nonhouseholder

Group	
1	Householder
2	Nonhouseholder (including persons in group quarters)

Stage III—Age/Sex/Race/Spanish Origin

Group	White Race
	<i>Persons of Spanish Origin</i>
	<i>Male</i>
1	0 to 4 years of age
2	5 to 14 years of age
3	15 to 19 years of age
4	20 to 24 years of age
5	25 to 34 years of age
6	35 to 44 years of age
7	45 to 64 years of age
8	65 years of age or older
	<i>Female</i>
9-16	Same age categories as groups 1 to 8
	<i>Persons Not of Spanish Origin</i>
17-32	Same age and sex categories as groups 1 to 16
	<i>Black Race</i>
33-64	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Asian, Pacific Islander Race</i>
65-96	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>American Indian, Eskimo, or Aleut Race</i>
97-128	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Other Race (includes those races not listed above)</i>
129-160	Same age-sex-Spanish origin categories as groups 1 to 32

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estimation procedure.

For the first and second stages, any group that did not meet certain criteria concerning the unweighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for

housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household-type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

OCCUPIED HOUSING UNITS

Stage I—Type of Household

Group	Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	<i>Housing Units With a Family Without Own Children Under 18</i>
6-10	2 persons in housing unit through 8 or more persons in housing unit
	<i>All Other Housing Units</i>
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit

Stage II—Tenure/Race and Origin of Householder/Value or Rent

Group	Owner
	<i>White Race (householder)</i>
	<i>Persons of Spanish Origin (householder)</i>
	<i>Value of House</i>
	\$0 to \$9,999
1	\$10,000 to \$19,999
2	\$20,000 to \$24,999
3	\$25,000 to \$49,999
4	\$50,000 to \$99,999
5	\$100,000 to \$149,999
6	\$150,000+
7	Other Owners
8	
	<i>Persons Not of Spanish Origin</i>

9-16	Same value categories as groups 1 to 8
	<i>Black Race</i>
17-32	Same value—Spanish origin categories as groups 1 to 16
	<i>Asian, Pacific Islander Race</i>
33-48	Same value—Spanish origin categories as groups 1 to 16
	<i>American Indian, Eskimo, or Aleut Race</i>
49-64	Same value—Spanish origin categories as groups 1 to 16
	<i>Other Race (includes those races not listed above)</i>
65-80	Same value—Spanish origin categories as groups 1 to 16
	<i>Renter</i>
	<i>White Race</i>
	<i>Persons of Spanish Origin</i>
	<i>Rent Categories</i>
81	\$1 to \$59
82	\$60 to \$99
83	\$100 to \$149
84	\$150 to \$199
85	\$200 to \$249
86	\$250 to \$299
87	\$300 to \$399
88	\$400 to \$499
89	\$500+
90	Other Renter
91	No Cash Rent
	<i>Persons not of Spanish origin</i>
92-102	Same rent categories as groups 81 to 91
	<i>Black Race</i>
103-124	Same rent—Spanish origin categories as groups 81 to 102
	<i>Asian, Pacific Islander Race</i>
125-146	Same rent—Spanish origin categories as groups 81 to 102
	<i>American Indian, Eskimo, or Aleut Race</i>
147-168	Same rent—Spanish origin categories as groups 81 to 102

	<i>Other Race (includes those races not listed above)</i>
169-190	Same rent—Spanish origin categories as groups 81 to 102

VACANT HOUSING UNITS

<i>Group</i>	
1	<i>Vacant for Rent</i>
2	<i>Vacant for Sale</i>
3	<i>Other Vacant</i>

The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial (unadjusted) weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the complete-count figures for the population and housing unit groups used in the estimation procedure.

CONTROL OF NONSAMPLING ERROR

As mentioned above, nonsampling error is present in both sample and complete count data. If left unchecked, this error could introduce serious bias into the data, the variability of which could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. The primary sources of nonsampling error and the programs instituted for control of this error are described below. The success of these programs, however, was contingent upon how well the instructions were actually carried out during the census. To the extent possible, both the effects of these programs and the amount of error remaining after their application will be evaluated.

Undercoverage—It is possible for some persons or housing units to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a prec canvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

Respondent and Enumerator Error—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect sample data for

households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

Processing Error—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

Nonresponse—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing

nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and follow-up operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic for a housing unit was still missing when the questionnaires reached the central processing offices, it was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, allocations or the assignment of acceptable entries were used to replace blanks or unacceptable entries. The allocation procedure was based on using information reported for another housing unit with characteristics similar to those of the housing unit for which allocation was necessary. For example, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit. The assignment of acceptable codes in place of blanks or unacceptable entries is designed to enhance the usefulness of the data.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

ALLOCATION TABLES

The extent of allocations for nonresponses and inconsistencies for individual subject items is given for SMSA's and places in the 1980 Census of Population PC80-1-B and PC80-1-C reports and in the 1980 Census of Housing HC80-1-A and HC80-1-B reports.

Table A. Unadjusted Standard Errors for Estimated Totals

[Based on a 1-in-6 simple random sample]

Estimated Total ^{1/}	Size of publication area ^{2/}													
	500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000
50.....	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270
25 000.....	-	-	-	-	-	-	250	310	340	350	350	350	350	350
75 000.....	-	-	-	-	-	-	-	310	510	570	590	610	610	610
100 000.....	-	-	-	-	-	-	-	-	550	630	670	700	700	710
250 000.....	-	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570
1 000 000.....	-	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190
5 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470
10 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480

^{1/} For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se(\hat{Y}) = \sqrt{5\hat{Y}(1-\frac{\hat{Y}}{N})}$$

N = Size of area

 \hat{Y} = Estimate of characteristic total

^{2/} The total count of housing units in the area.

Table B. Unadjusted Standard Error in Percentage Points for Estimated Percentages

[Based on a 1-in-6 simple random sample]

Estimated Percentage	Base of percentage ^{1/}													
	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000	
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	
5 or 95.....	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1	
10 or 90.....	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1	
15 or 85.....	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.1	
20 or 80.....	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1	
25 or 75.....	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1	
30 or 70.....	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1	
35 or 65.....	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.2	
50.....	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.2	

^{1/} For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se(\hat{p}) = \sqrt{\frac{5}{B} \hat{p}(100-\hat{p})}$$

B = Base of estimated percentage

 \hat{p} = Estimated percentage

Table C. Standard Error Adjustment Factors

[Percent of persons or housing units in sample]

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Household type.....	1.1	0.9	0.5
Age and sex of householder.....	1.0	1.0	0.5
Occupancy status.....	1.1	0.7	0.5
Vacant price asked and vacant rent asked..	1.1	0.7	0.5
Tenure.....	1.1	0.9	0.5
Units in structure.....	1.1	0.9	0.5
Stories in structure.....	1.0	1.0	0.5
Passenger elevator.....	0.9	0.9	0.5
Persons in unit.....	1.1	0.9	0.5
Year structure built.....	1.1	0.8	0.5
Year householder moved into housing unit.....	1.1	0.9	0.5
Heating equipment and fuel.....	1.1	0.9	0.5
Number of bedrooms.....	1.1	0.9	0.5
Rooms.....	1.1	0.9	0.5
Telephone in housing unit.....	1.1	0.9	0.5
Air conditioning.....	1.1	0.9	0.5
Vehicles available.....	1.1	0.9	0.5
Gross rent and contract rent.....	1.1	0.9	0.5
Gross rent as a percentage of household income in 1979.....	1.1	0.9	0.5
Mortgage status and selected monthly owner costs.....	1.1	0.9	0.5
Household income.....	1.1	0.9	0.5
Poverty status: Housing.....	1.1	0.8	0.5
Existence of complete plumbing for exclusive use with 1.01 persons per room or more.....	1.1	0.8	0.5
Value.....	1.0	1.0	0.5

Table D. **Percent of Housing Units in Sample: 1980**

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

**The SMSA
Places of 50,000 or More and
Central Cities of SMSA's**

The SMSA -----

**PLACES OF 50,000 OR MORE AND CENTRAL
CITIES OF SMSA's**

Lowell city -----

Housing units	
100-percent count	Percent in sample
77 750	16.0
34 883	15.8

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.
2. Fill a circle to show how each person is related to the person in column 1.

A stepchild or legally adopted child of the person in column 1 should be marked **Son/daughter**. Foster children or wards living in the household should be marked **Roomer, boarder**.
3. Be sure to fill a circle for the sex of each person.
4. Fill the circle for the category with which the person most closely identifies. If you fill the **Indian (American)** or **Other** circle, be sure to print the name of the specific Indian tribe or specific group.
5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.
6. If the person's only marriage was annulled, mark **Never married**.
7. A person is of Spanish/Hispanic origin or descent if the person *identifies* his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.
8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A *public* school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.
9. Fill only one circle. Mark the highest grade *ever* attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for Nursery school.

If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the

General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark **Finished this grade (or year)** only if the person finished the *entire* grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

- H4. Mark only one circle. *This address* means the house or building number where your living quarters are located.
- H5. Mark the second circle only if you *must* go through someone else's living quarters to get to your own.
- H6. Consider that you have hot water even if you have it only part of the time.

Mark **Yes**, but also used by another household if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.
- H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.
- H8. Mark **Owned** or **being bought** if the living quarters are owned outright or are mortgaged. Also mark **Owned** or **being bought** if the living quarters are owned but the land is rented.

Mark **Rented** for **cash** rent if any money rent is paid. Rent may be paid by persons who are not members of your household.

Occupied without payment of cash rent includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.

- H9. A *condominium* is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.
- H10b. A *commercial establishment* is easily recognized from the outside, for example, a grocery store or barber shop. A *medical office* is a doctor's or dentist's office regularly visited by patients.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the

land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

- H12. Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid:	Multiply rent by:
By the day	30
By the week	4
Every other week	2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

- H13. Mark only one circle.

Detached means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark **A one-family house detached from any other house** when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

- H14a. Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

- H15a. A *city or suburban* lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A *place* is a farm, ranch, or any other property, other than a city or suburban lot, on which this *residence* is located.

- H16. If a well provides water for six or more houses or apartments, mark **A public system**. If a well provides water for five or fewer houses or apartments, mark one of the categories for *individual well*.

Drilled wells, or small diameter wells, are usually less than 1½ feet in diameter. *Dug wells* are generally hand dug and are wider.

- H17. A *public sewer* is operated by a government body or a private organization. A *septic tank or cesspool* is an underground tank or pit used for disposal of sewage.

- H19. The term *person in column 1* refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into *this* house or apartment.

- H20. This question refers to the type of *heating equipment* and not to the fuel used.

An *electric heat pump* is sometimes known as a reverse cycle

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A *floor, wall, or pipeless furnace* delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a *portable room heater*.

INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

- H21. *Gas from underground pipes* is piped in from a central system such as one operated by a public utility company or a municipal government. *Bottled, tank, or LP gas* is stored in tanks which are refilled or exchanged when empty. *Other fuel* includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

- H22. If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly *average* for the past 12 months; for water and other fuels, the *total* amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ({) the two utilities.

- H23. The kitchen sink, stove, and refrigerator must be located in the building but do *not* have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

- H26. Answer *Yes only* if the telephone is located *in* your living quarters.

- H27. Count only equipment used to cool the air by means of a refrigeration unit.

- H28—H29. Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do *not* count cars or trucks permanently out of working order.

- H30—H32. Do not answer these questions if you live in a cooperative, regardless of the number of units in the structure.

- H30. Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

- H31. When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

- H32a. The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.

- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

11. *For persons born in the United States:*

Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

For persons born outside the United States:

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (*not* Great Britain or United Kingdom). Specify the particular island in the Caribbean, *not*, for example, West Indies.

- 12. This question is only for persons born in a foreign country. Fill the Yes, a naturalized citizen circle only if the person has *completed* the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

- 13a. Mark No, only speaks English if the person always speaks English *at home*; then skip to question 14.

Mark Yes if the person speaks a language other than English *at home*. Do *not* mark Yes for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

- b. Print the non-English language spoken *at home*. If this person speaks two or more non-English languages *at home* and cannot determine which is spoken most often, report the first language the person learned to speak.

- c. Fill the circle that best describes the person's *ability* to speak English.

(1) The circle Very well should be filled for persons who have no difficulty speaking English.

(2) The circle Well should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.

(3) The circle Not well should be filled for persons who are seriously limited in their ability to speak English.

(4) The circle Not at all should be filled for persons who do not speak English at all.

- 14. Print the ancestry group with which the person *identifies*. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

- 15a. Mark Yes, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark No, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).

- b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.

Part (1) If the person was living in the United States on April 1, 1975, print the name of the State. If the person did *not* live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.

Part (2) If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.

Part (3) If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.

Part (4) Mark Yes if you know that the location is *now* inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.

- 17a. Mark Yes only if this person was on *active* duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark No if the person was in the National Guard or the reserves.

- b. Mark Yes if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark No if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.

- c. Mark Yes, full time if the person worked full time (35 hours or more per week). Mark Yes, part time if the person worked part time (less than 35 hours per week). Mark No if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.

- 18a. Mark Yes if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark Yes *only* if the person was ever called to active duty; mark No if the only service was active duty for training.

- b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.

- 19. The term "health condition" refers to any physical or mental problem which has lasted for 6 or more months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should *not* be considered a health condition.

- 20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

21. If the exact date of marriage is not known, give your best estimate.
- 22a. Mark **Yes** if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc.

Active duty in Armed Forces.

Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

- b. Give the *actual* number of hours worked at *all jobs last week*, even if that was more or fewer hours than usually worked.
23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.

If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.

- 24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.
- b. Mark **Worked at home** for a person who works on a farm where he or she lives, or in an office or shop in the person's home.
- c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark **Drive alone**.
- d. Do not include riders who rode to school or some other non-work destination.
25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark **No**.

- 26a. Mark **Yes** if the person tried to get a job or to start a business or professional practice at any time in the last *four* weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

- b. Mark **No, already has a job** if the person was on layoff or was expecting to report to a job within 30 days.

Mark **No, temporarily ill** if the person expects to be able to work within 30 days.

Mark **No, other reasons** if the person could not have taken a job because he or she was going to school, taking care of children, etc.

INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

27. Look at the instructions for 22a to see what to count as work. Mark **Never worked** if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm *and* (3) never served in the Armed Forces.

- 28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

- b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Furniture company

Grocery store

Oil company

Ranch

Acceptable

Metal furniture manufacturing

Wholesale grocery store

Retail gas station

Cattle ranch

- c. Mark **Manufacturing** if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark **Wholesale trade** if the business mostly sells things to stores or other companies.

Mark **Retail trade** if the business mostly sells things (not services) to individuals.

Mark **Other** if the main activity of the employer is not making or selling things. Some examples of **Other** are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

- 29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Clerk

Helper

Mechanic

Nurse

Acceptable

Production clerk

Carpenter's helper

Auto engine mechanic

Registered nurse

- b. Print the most important things that the person does on the job. Some examples are shown on the census form.

INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle:

Mark Local government employee for a teacher working in an elementary or secondary public school.

- 31a. Look at the instructions for question 22a to see what to count as work.

b. Count every week in which the person did any work at all, even for an hour.

c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.

d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

32. Fill the Yes or No circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark No for the other person, unless the other person has additional income of the same type.

a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.

c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.

d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.

e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.

f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.

g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the None circle. If total income was a loss, write "Loss" above the amount.

Please fill out this
official Census Form
and mail it back on
Census Day,
Tuesday, April 1, 1980

1980 Census of the United States

If the address shown below has the wrong apartment identification,
please write the correct apartment number or location here:

DO	A1	A2	A4	A5	A6
				L	

Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

Para personas de habla hispana

(For Spanish-speaking persons):
SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL
llame a la oficina del censo. El número de teléfono se encuentra en
el encasillado de la dirección.

O, si prefiere, marque esta casilla ☐ y devuelva el cuestionario
por correo en el sobre que se le incluye.

A message from the Director, Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.

Page 2

ALSO ANSWER THE HOUSING QUESTIONS ON PAGE 3

Here are the QUESTIONS ↓	These are the columns for ANSWERS → Please fill one column for each person listed in Question 1.	PERSON in column 1		PERSON in column 2	
		Last name	First name Middle initial	Last name	First name Middle initial
2. How is this person related to the person in column 1? Fill one circle. If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.		START in this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.		If relative of person in column 1: <input type="checkbox"/> Husband/wife <input type="checkbox"/> Father/mother <input type="checkbox"/> Son/daughter <input type="checkbox"/> Other relative <input type="checkbox"/> Brother/sister If not related to person in column 1: <input type="checkbox"/> Roomer, boarder <input type="checkbox"/> Other nonrelative <input type="checkbox"/> Partner, roommate <input type="checkbox"/> Paid employee	
3. Sex Fill one circle.		<input type="radio"/> Male <input type="radio"/> Female		<input type="radio"/> Male <input type="radio"/> Female	
4. Is this person — Fill one circle.		<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →		<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →	
5. Age, and month and year of birth a. Print age at last birthday. b. Print month and fill one circle. c. Print year in the spaces, and fill one circle below each number.		a. Age at last birthday: [] b. Month of birth: [] <input type="radio"/> Jan.—Mar. <input type="radio"/> Apr.—June <input type="radio"/> July—Sept. <input type="radio"/> Oct.—Dec. c. Year of birth: [] [] [] [] 1 8 0 0 9 1 2 3 4 5 6 7 8 9		a. Age at last birthday: [] b. Month of birth: [] <input type="radio"/> Jan.—Mar. <input type="radio"/> Apr.—June <input type="radio"/> July—Sept. <input type="radio"/> Oct.—Dec. c. Year of birth: [] [] [] [] 1 8 0 0 9 1 2 3 4 5 6 7 8 9	
6. Marital status Fill one circle.		<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced		<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	
7. Is this person of Spanish/Hispanic origin or descent? Fill one circle.		<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic		<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	
8. Since February 1, 1980, has this person attended regular school or college at any time? Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.		<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related		<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related	
9. What is the highest grade (or year) of regular school this person has ever attended? Fill one circle. If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."		Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) [] 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10		Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) [] 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10	
10. Did this person finish the highest grade (or year) attended? Fill one circle.		<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)		<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)	
		CENSUS USE ONLY A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/>		CENSUS USE ONLY A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/>	

NOW PLEASE ANSWER QUESTIONS H1–H12
FOR YOUR HOUSEHOLD

If you listed more than
7 persons in Question 1,
please see note on page 20.

PERSON in column 7

Last name _____ First name _____ Middle initial _____

If relative of person in column 1:

☐ Husband/wife ☐ Father/mother
☐ Son/daughter ☐ Other relative
☐ Brother/sister

If not related to person in column 1:

☐ Roomer, boarder ☐ Other nonrelative
☐ Partner, roommate
☐ Paid employee

☐ Male ☐ Female

☐ White ☐ Asian Indian
☐ Black or Negro ☐ Hawaiian
☐ Japanese ☐ Guamanian
☐ Chinese ☐ Samoan
☐ Filipino ☐ Eskimo
☐ Korean ☐ Aleut
☐ Vietnamese ☐ Other — Specify _____
☐ Indian (Amer.)
Print tribe _____

a. Age at last birthday _____ c. Year of birth _____

b. Month of birth _____

☐ Jan.—Mar. ☐ Apr.—June ☐ July—Sept. ☐ Oct.—Dec.

☐ Now married ☐ Separated
☐ Widowed ☐ Never married
☐ Divorced

☐ No (not Spanish/Hispanic)
☐ Yes, Mexican, Mexican-Amer., Chicano
☐ Yes, Puerto Rican
☐ Yes, Cuban
☐ Yes, other Spanish/Hispanic

☐ No, has not attended since February 1
☐ Yes, public school, public college
☐ Yes, private, church-related
☐ Yes, private, not church-related

Highest grade attended:

☐ Nursery school ☐ Kindergarten
Elementary through high school (grade or year)
1 2 3 4 5 6 7 8 9 10 11 12
☐ College (academic year) _____
1 2 3 4 5 6 7 8 or more
☐ Never attended school—Skip question 10

☐ Now attending this grade (or year)
☐ Finished this grade (or year)
☐ Did not finish this grade (or year)

CENSUS USE ONLY A. ☐ I ☐ N ☐ O

H1. Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?

- ☐ Yes — On page 20 give name(s) and reason left out.
☐ No

H2. Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital?

- ☐ Yes — On page 20 give name(s) and reason person is away.
☐ No

H3. Is anyone visiting here who is not already listed?

- ☐ Yes — On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker.
☐ No

H4. How many living quarters, occupied and vacant, are at this address?

- ☐ One
☐ 2 apartments or living quarters
☐ 3 apartments or living quarters
☐ 4 apartments or living quarters
☐ 5 apartments or living quarters
☐ 6 apartments or living quarters
☐ 7 apartments or living quarters
☐ 8 apartments or living quarters
☐ 9 apartments or living quarters
☐ 10 or more apartments or living quarters
☐ This is a mobile home or trailer

H5. Do you enter your living quarters —

- ☐ Directly from the outside or through a common or public hall?
☐ Through someone else's living quarters?

H6. Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower?

- ☐ Yes, for this household only
☐ Yes, but also used by another household
☐ No, have some but not all plumbing facilities
☐ No plumbing facilities in living quarters

H7. How many rooms do you have in your living quarters?

Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.

- ☐ 1 room ☐ 2 rooms ☐ 3 rooms ☐ 4 rooms ☐ 5 rooms ☐ 6 rooms ☐ 7 rooms ☐ 8 rooms ☐ 9 or more rooms

H8. Are your living quarters —

- ☐ Owned or being bought by you or by someone else in this household?
☐ Rented for cash rent?
☐ Occupied without payment of cash rent?

H9. Is this apartment (house) part of a condominium?

- ☐ No
☐ Yes, a condominium

H10. If this is a one-family house —

a. Is the house on a property of 10 or more acres?

- ☐ Yes ☐ No

b. Is any part of the property used as a commercial establishment or medical office?

- ☐ Yes ☐ No

H11. If you live in a one-family house or a condominium unit which you own or are buying —

What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale?

Do not answer this question if this is —

- ☐ A mobile home or trailer
☐ A house on 10 or more acres
☐ A house with a commercial establishment or medical office on the property

- ☐ Less than \$10,000 ☐ \$50,000 to \$54,999
☐ \$10,000 to \$14,999 ☐ \$55,000 to \$59,999
☐ \$15,000 to \$17,499 ☐ \$60,000 to \$64,999
☐ \$17,500 to \$19,999 ☐ \$65,000 to \$69,999
☐ \$20,000 to \$22,499 ☐ \$70,000 to \$74,999
☐ \$22,500 to \$24,999 ☐ \$75,000 to \$79,999
☐ \$25,000 to \$27,499 ☐ \$80,000 to \$89,999
☐ \$27,500 to \$29,999 ☐ \$90,000 to \$99,999
☐ \$30,000 to \$34,999 ☐ \$100,000 to \$124,999
☐ \$35,000 to \$39,999 ☐ \$125,000 to \$149,999
☐ \$40,000 to \$44,999 ☐ \$150,000 to \$199,999
☐ \$45,000 to \$49,999 ☐ \$200,000 or more

H12. If you pay rent for your living quarters —

What is the monthly rent?

If rent is not paid by the month, see the instruction guide on how to figure a monthly rent.

- ☐ Less than \$50 ☐ \$160 to \$169
☐ \$50 to \$59 ☐ \$170 to \$179
☐ \$60 to \$69 ☐ \$180 to \$189
☐ \$70 to \$79 ☐ \$190 to \$199
☐ \$80 to \$89 ☐ \$200 to \$224
☐ \$90 to \$99 ☐ \$225 to \$249
☐ \$100 to \$109 ☐ \$250 to \$274
☐ \$110 to \$119 ☐ \$275 to \$299
☐ \$120 to \$129 ☐ \$300 to \$349
☐ \$130 to \$139 ☐ \$350 to \$399
☐ \$140 to \$149 ☐ \$400 to \$499
☐ \$150 to \$159 ☐ \$500 or more

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A4. Block number _____ A6. Serial number _____

B. Type of unit or quarters

☐ Occupied
☐ First form
☐ Continuation

☐ Vacant
☐ Regular
☐ Usual home elsewhere

☐ Group quarters
☐ First form
☐ Continuation

C1. Is this unit for —
☐ Year round use
☐ Seasonal/Mig. — Skip C2, C3, and D.

C2. Vacancy status
☐ For rent
☐ For sale only
☐ Rented or sold, not occupied
☐ Held for occasional use
☐ Other vacant

C3. Is this unit boarded up?
☐ Yes ☐ No

D. Months vacant
☐ Less than 1 month
☐ 1 up to 2 months
☐ 2 up to 6 months
☐ 6 up to 12 months
☐ 1 year up to 2 years
☐ 2 or more years

E. Indicators
1. ☐ Mail return
2. ☐ Pop./F

F. Total persons
1 2 3 4 5 6 7 8 9 10 11 12

E-10

Please answer H30–H32 if you live in a one-family house which you own or are buying, unless this is –

- A mobile home or trailer
- A house on 10 or more acres
- A condominium unit
- A house with a commercial establishment
or medical office on the property

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

H30. What were the real estate taxes on this property last year?

\$.00 OR ☐ None

H31. What is the annual premium for fire and hazard insurance on this property?

\$.00 OR ☐ None

H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?

- ☐ Yes, mortgage, deed of trust, or similar debt
- ☐ Yes, contract to purchase
- ☐ No — Skip to page 6

b. Do you have a second or junior mortgage on this property?

- ☐ Yes ☐ No

c. How much is your total regular monthly payment to the lender?

Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.

\$ _____ .00 OR ☐ No regular payment required — Skip to
page 6

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

- ☐ Yes, taxes included in payment ☒
- ☐ No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

- ☐ Yes, insurance included in payment
- ☐ No, insurance paid separately or no insurance

Please turn to page 6

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[illegible]

<p>Name of Person 1 on page 2:</p> <p style="text-align: center;">Last name First name Middle initial</p> <hr/> <p>11. In what State or foreign country was this person born? <i>Print the State where this person's mother was living when this person was born. Do not give the location of the hospital unless the mother's home and the hospital were in the same State.</i></p> <p>_____ <i>Name of State or foreign country; or Puerto Rico, Guam, etc.</i></p> <p>12. If this person was born in a foreign country — a. Is this person a naturalized citizen of the United States? <input type="radio"/> Yes, a naturalized citizen <input type="radio"/> No, not a citizen <input type="radio"/> Born abroad of American parents</p> <p>b. When did this person come to the United States to stay? <input type="radio"/> 1975 to 1980 <input type="radio"/> 1965 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1964 <input type="radio"/> Before 1950</p> <p>13a. Does this person speak a language other than English at home? <input type="radio"/> Yes <input type="radio"/> No, only speaks English — <i>Skip to 14</i></p> <p>b. What is this language? _____ <i>(For example — Chinese, Italian, Spanish, etc.)</i></p> <p>c. How well does this person speak English? <input type="radio"/> Very well <input type="radio"/> Not well <input type="radio"/> Well <input type="radio"/> Not at all</p> <p>14. What is this person's ancestry? If uncertain about how to report ancestry, see instruction guide. _____ <i>(For example: Afro-Amer., English, French, German, Honduran, Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Polish, Ukrainian, Venezuelan, etc.)</i></p> <p>15a. Did this person live in this house five years ago (April 1, 1975)? <i>If in college or Armed Forces in April 1975, report place of residence there.</i> <input type="radio"/> Born April 1975 or later — <i>Turn to next page for next person</i> <input type="radio"/> Yes, this house — <i>Skip to 16</i> <input type="radio"/> No, different house</p> <p>b. Where did this person live five years ago (April 1, 1975)? (1) State, foreign country, Puerto Rico, Guam, etc.: _____ (2) County: _____ (3) City, town, village, etc.: _____ (4) Inside the incorporated (legal) limits of that city, town, village, etc.? <input type="radio"/> Yes <input type="radio"/> No, in unincorporated area</p>	<p>16. When was this person born? <input type="radio"/> Born before April 1965 — <i>Please go on with questions 17-33</i> <input type="radio"/> Born April 1965 or later — <i>Turn to next page for next person</i></p> <p>17. In April 1975 (five years ago) was this person — a. On active duty in the Armed Forces? <input type="radio"/> Yes <input type="radio"/> No</p> <p>b. Attending college? <input type="radio"/> Yes <input type="radio"/> No</p> <p>c. Working at a job or business? <input type="radio"/> Yes, full time <input type="radio"/> No <input type="radio"/> Yes, part time</p> <p>18a. Is this person a veteran of active-duty military service in the Armed Forces of the United States? <i>If service was in National Guard or Reserves only, see instruction guide.</i> <input type="radio"/> Yes <input type="radio"/> No — <i>Skip to 19</i></p> <p>b. Was active-duty military service during — <i>Fill a circle for each period in which this person served.</i> <input type="radio"/> May 1975 or later <input type="radio"/> Vietnam era (August 1964–April 1975) <input type="radio"/> February 1955–July 1964 <input type="radio"/> Korean conflict (June 1950–January 1955) <input type="radio"/> World War II (September 1940–July 1947) <input type="radio"/> World War I (April 1917–November 1918) <input type="radio"/> Any other time</p> <p>19. Does this person have a physical, mental, or other health condition which has lasted for 6 or more months and which . . .</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="width: 5%; text-align: center;">Yes</th> <th style="width: 15%; text-align: center;">No</th> </tr> </thead> <tbody> <tr> <td>a. <u>Limits</u> the kind or amount of work this person can do at a job?</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> </tr> <tr> <td>b. <u>Prevents</u> this person from working at a job?</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> </tr> <tr> <td>c. <u>Limits or prevents</u> this person from using public transportation?</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> </tr> </tbody> </table> <p>20. If this person is a female — How many babies has she ever had, not counting stillbirths? <i>Do not count her stepchildren or children she has adopted.</i></p> <table style="width: 100%; text-align: center;"> <tr> <td>None</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> </tr> <tr> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td></td> <td>7</td> <td>8</td> <td>9</td> <td>10</td> <td>11</td> <td>12 or more</td> </tr> <tr> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> </table> <p>21. If this person has ever been married — a. Has this person been married more than once? <input type="radio"/> Once <input type="radio"/> More than once</p> <p>b. Month and year of marriage? Month and year of first marriage? _____ (Month) (Year) (Month) (Year)</p> <p>c. If married more than once — Did the first marriage end because of the death of the husband (or wife)? <input type="radio"/> Yes <input type="radio"/> No</p>		Yes	No	a. <u>Limits</u> the kind or amount of work this person can do at a job?	<input type="radio"/>	<input type="radio"/>	b. <u>Prevents</u> this person from working at a job?	<input type="radio"/>	<input type="radio"/>	c. <u>Limits or prevents</u> this person from using public transportation?	<input type="radio"/>	<input type="radio"/>	None	1	2	3	4	5	6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		7	8	9	10	11	12 or more	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<p>22a. Did this person work at any time last week? <input type="radio"/> Yes — <i>Fill this circle if this person worked full time or part time. (Count part-time work such as delivering papers, or helping without pay in a family business or farm. Also count active duty in the Armed Forces.)</i> <input type="radio"/> No — <i>Fill this circle if this person did not work, or did only own housework, school work, or volunteer work.</i> <div style="text-align: right;"><i>Skip to 25</i></div></p> <p>b. How many hours did this person work last week (at all jobs)? <i>Subtract any time off; add overtime or extra hours worked.</i> _____ Hours</p> <p>23. At what location did this person work last week? <i>If this person worked at more than one location, print where he or she worked most last week.</i> <i>If one location cannot be specified, see instruction guide.</i> a. Address (Number and street) _____ <i>If street address is not known, enter the building name, shopping center, or other physical location description.</i> b. Name of city, town, village, borough, etc. _____ c. Is the place of work inside the incorporated (legal) limits of that city, town, village, borough, etc.? <input type="radio"/> Yes <input type="radio"/> No, in unincorporated area d. County _____ e. State _____ f. ZIP Code _____</p> <p>24a. Last week, how long did it usually take this person to get from home to work (one way)? _____ Minutes b. How did this person usually get to work last week? <i>If this person used more than one method, give the one usually used for most of the distance.</i> <input type="radio"/> Car <input type="radio"/> Taxicab <input type="radio"/> Truck <input type="radio"/> Motorcycle <input type="radio"/> Van <input type="radio"/> Bicycle <input type="radio"/> Bus or streetcar <input type="radio"/> Walked only <input type="radio"/> Railroad <input type="radio"/> Worked at home <input type="radio"/> Subway or elevated <input type="radio"/> Other — <i>Specify</i> _____</p> <p><i>If car, truck, or van in 24b, go to 24c. Otherwise, skip to 28.</i></p>
	Yes	No																																								
a. <u>Limits</u> the kind or amount of work this person can do at a job?	<input type="radio"/>	<input type="radio"/>																																								
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Per. No.	11.	13b.	14.	15b.	23.	VL	24a.
1	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
2	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
3	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2
4	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3
5	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4
6	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5
7	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6
8	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7
9	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8
0	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9

PERSON 1 ON PAGE 2

Page 7

<p>c. When going to work <u>last week</u>, did this person usually —</p> <p><input type="radio"/> Drive alone — <i>Skip to 28</i> <input type="radio"/> Drive others only</p> <p><input type="radio"/> Share driving <input type="radio"/> Ride as passenger only</p> <p>d. How many people, including this person, usually rode to work in the car, truck, or van <u>last week</u>?</p> <p><input type="radio"/> 2 <input type="radio"/> 4 <input type="radio"/> 6</p> <p><input type="radio"/> 3 <input type="radio"/> 5 <input type="radio"/> 7 or more</p> <p><i>After answering 24d, skip to 28.</i></p>	<p>CENSUS USE</p> <p>21b.</p> <p>I <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/></p> <p>II <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/></p> <p>III <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/></p> <p>IV <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/></p>	<p>31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?</p> <p><input type="radio"/> Yes <input type="radio"/> No — <i>Skip to 31d</i></p> <p>b. How many weeks did this person work in 1979?</p> <p><i>Count paid vacation, paid sick leave, and military service.</i></p> <p>Weeks</p> <p>c. During the weeks worked in 1979, how many hours did this person usually work each week?</p> <p>Hours</p>	<p>CENSUS USE ONLY</p> <p>31b. 31c. 31d.</p> <p><input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>I <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>II <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>III <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>IV <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p>
<p>25. Was this person temporarily absent or on layoff from a job or business <u>last week</u>?</p> <p><input type="radio"/> Yes, on layoff</p> <p><input type="radio"/> Yes, on vacation, temporary illness, labor dispute, etc.</p> <p><input type="radio"/> No</p> <p>26a. Has this person been looking for work during the last 4 weeks?</p> <p><input type="radio"/> Yes <input type="radio"/> No — <i>Skip to 27</i></p>	<p>22b.</p> <p>I <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/></p> <p>II <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/></p> <p>III <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/></p> <p>IV <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/></p>	<p>d. Of the weeks not worked in 1979 (if any), how many weeks was this person looking for work or on layoff from a job?</p> <p>Weeks</p> <p>32. Income in 1979 —</p> <p><i>Fill circles and print dollar amounts.</i></p> <p><i>If net income was a loss, write "Loss" above the dollar amount.</i></p> <p><i>If exact amount is not known, give best estimate. For income received jointly by household members, see instruction guide.</i></p> <p>During 1979 did this person receive any income from the following sources?</p> <p>If "Yes" to any of the sources below — How much did this person receive for the entire year?</p>	<p>32a. 32b.</p> <p><input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>I <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>II <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>III <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>IV <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p>
<p>b. Could this person have taken a job <u>last week</u>?</p> <p><input type="radio"/> No, already has a job</p> <p><input type="radio"/> No, temporarily ill</p> <p><input type="radio"/> No, other reasons (in school, etc.)</p> <p><input type="radio"/> Yes, could have taken a job</p> <p>27. When did this person last work, even for a few days?</p> <p><input type="radio"/> 1980 <input type="radio"/> 1978 <input type="radio"/> 1970 to 1974</p> <p><input type="radio"/> 1979 <input type="radio"/> 1975 to 1977 <input type="radio"/> 1969 or earlier</p> <p><i>Skip to 31d</i></p> <p><input type="radio"/> Never worked</p> <p>28–30. Current or most recent job activity</p> <p><i>Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours.</i></p> <p><i>If this person had no job or business last week, give information for last job or business since 1975.</i></p>	<p>28.</p> <p>A B C</p> <p>D E F</p> <p>G H J</p> <p>K L M</p> <p>N P Q</p> <p>R S T</p> <p>U V W</p> <p>X Y Z</p> <p>AF</p> <p>NW</p>	<p>a. Wages, salary, commissions, bonuses, or tips from all jobs . . . Report amount before deductions for taxes, bonds, dues, or other items.</p> <p><input type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>b. Own nonfarm business, partnership, or professional practice . . . Report net income after business expenses.</p> <p><input type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>c. Own farm . . . Report net income after operating expenses. Include earnings as a tenant farmer or sharecropper.</p> <p><input type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>d. Interest, dividends, royalties, or net rental income . . . Report even small amounts credited to an account.</p> <p><input type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>e. Social Security or Railroad Retirement . . .</p> <p><input type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>f. Supplemental Security (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments . . .</p> <p><input type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>g. Unemployment compensation, veterans' payments, pensions, alimony or child support, or any other sources of income received regularly . . .</p> <p><i>Exclude lump-sum payments such as money from an inheritance or the sale of a home.</i></p> <p><input type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p>	<p>32c. 32d.</p> <p><input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>I <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>II <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>III <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>IV <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p>
<p>(Name of company, business, organization, or other employer)</p> <p>b. What kind of business or industry was this?</p> <p><i>Describe the activity at location where employed.</i></p> <p>(For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)</p> <p>c. Is this mainly — (Fill one circle)</p> <p>Manufacturing Retail trade</p> <p>Wholesale trade Other — (agriculture, construction, service, government, etc.)</p>	<p>29.</p> <p>N P Q</p> <p>R S T</p> <p>U V W</p> <p>X Y Z</p>	<p>32e. 32f.</p> <p><input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>I <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>II <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>III <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>IV <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p>	<p>32g. 33.</p> <p><input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>I <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>II <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>III <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>IV <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p>
<p>29. Occupation</p> <p>a. What kind of work was this person doing?</p> <p>(For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)</p> <p>b. What were this person's most important activities or duties?</p> <p>(For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill)</p> <p>30. Was this person — (Fill one circle)</p> <p>Employee of private company, business, or individual, for wages, salary, or commissions</p> <p>Federal government employee</p> <p>State government employee</p> <p>Local government employee (city, county, etc.)</p> <p>Self-employed in own business, professional practice, or farm —</p> <p>Own business not incorporated</p> <p>Own business incorporated</p> <p>Working without pay in family business or farm</p>	<p>30.</p> <p>N P Q</p> <p>R S T</p> <p>U V W</p> <p>X Y Z</p>	<p>33. What was this person's total income in 1979?</p> <p>Add entries in questions 32a through g; subtract any losses.</p> <p>\$.00</p> <p>(Annual amount — Dollars)</p> <p>If total amount was a loss, write "Loss" above amount.</p> <p>OR <input type="radio"/> None</p>	<p>33.</p> <p><input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>I <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>II <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>III <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>IV <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p>

Please turn to the next page and answer the questions for Person 2 on page 2



Appendix F.—Publication and Computer Tape Program

GENERAL.....	F-1
PUBLICATIONS.....	F-1
Population and Housing Census Reports.....	F-1
PHC80-1, Block Statistics...	F-1
PHC80-2, Census Tracts...	F-2
PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas...	F-2
PHC80-4, Congressional Districts of the 98th Congress.....	F-2
PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics.....	F-2
PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics...	F-2
Population Census Reports...	F-2
PC80-1, Volume 1, Characteristics of the Population...	F-2
PC80-1-A, Chapter A, Number of Inhabitants.....	F-2
PC80-1-B, Chapter B, General Population Characteristics...	F-2
PC80-1-C, Chapter C, General Social and Economic Characteristics.....	F-3
PC80-1-D, Chapter D, Detailed Population Characteristics.....	F-3
PC80-2, Volume 2, Subject Reports.....	F-3
PC80-S1, Supplementary Reports.....	F-3
Housing Census Reports.....	F-3
HC80-1, Volume 1, Characteristics of Housing Units...	F-3
HC80-1-A, Chapter A, General Housing Characteristics.....	F-3
HC80-1-B, Chapter B, Detailed Housing Characteristics.....	F-3
HC80-2, Volume 2, Metropolitan Housing Characteristics.....	F-3
HC80-3, Volume 3, Subject Reports.....	F-3
HC80-4, Volume 4, Components of Inventory Change...	F-3

PUBLICATIONS—Con.	
HC80-5, Volume 5, Residential Finance.....	F-4
HC80-S1-1, Supplementary Reports.....	F-4
Evaluation and Reference Reports.....	F-4
PHC80-E, Evaluation and Research Reports.....	F-4
PHC80-R, Reference Reports.	F-4
PHC80-R1, Users' Guide..	F-4
PHC80-R2, History.....	F-4
PHC80-R3, Alphabetical Index of Industries and Occupations.....	F-4
PHC80-R4, Classified Index of Industries and Occupations.....	F-4
PHC80-R5, Geographic Identification Code Scheme.....	F-4
COMPUTER TAPES.....	F-4
Summary Tape Files.....	F-4
STF 1.....	F-4
STF 2.....	F-4
STF 3.....	F-4
STF 4.....	F-5
STF 5.....	F-5
Other Computer Tape Files....	F-5
P.L. 94-171, Population Counts.....	F-5
Master Area Reference Files 1 and 2 (MARF).....	F-5
Geographic Base File/Dual Independent Map Encoding (GBF/DIME).....	F-5
Public-Use Microdata Samples.....	F-5
Census/EEO Special File....	F-5
MAPS.....	F-5
MICROFICHE.....	F-5
STF 1 Microfiche.....	F-5
STF 3 Microfiche.....	F-5
P.L. 94-171 Counts Microfiche..	F-5

GENERAL

The results of the 1980 Census of Population and Housing are issued in three forms: printed reports, computer tape

files, and microfiche. Most of the reports listed are issued on a flow basis through 1983. A few may be issued later, such as Subject Reports and Evaluation and Reference Reports.

The publications of the 1980 census are released under three subject titles: *1980 Census of Population and Housing*, *1980 Census of Population*, and *1980 Census of Housing*. The description of the publication program below is organized in sections, by census title, followed by the reports under each title. It should be noted that a number of population census reports contain some housing data and a number of housing census reports contain some population data. Following the description of the publication program are sections on computer tapes, maps, and microfiche.

The data product descriptions include listings of geographic areas for which data are summarized in that product. Note that the term "place" refers to incorporated places and census designated (or unincorporated) places, as well as towns and townships in 11 States (the 6 New England States, the 3 Middle Atlantic States, Michigan, and Wisconsin).

Order forms for these materials are available, subject to availability of the data product, from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233; Census Bureau Regional Offices; U.S. Department of Commerce District Offices; and State Data Centers. After issuance, census reports are on file in many libraries and are available for examination at any Department of Commerce District Office or Census Bureau Regional Office.

PUBLICATIONS

Population and Housing Census Reports

PHC80-1, Block Statistics—These reports, which are issued on microfiche rather

than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

PHC80-2, Census Tracts—Statistics for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both complete-count data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas—Statistics are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning general-purpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico.

This series does not include a U.S. Summary.

PHC80-4, Congressional Districts of the 98th Congress—These reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics—This report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special subsample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics—These reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White; Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

Population Census Reports

PC80-1, Volume 1, Characteristics of the Population—This volume presents final

population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

PC80-1-A, Chapter A, Number of Inhabitants—Final population counts are shown for the following areas or their equivalents: States, counties, county subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

PC80-1-B, Chapter B, General Population Characteristics—Statistics on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's,

SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-C, Chapter C, General Social and Economic Characteristics—Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veteran status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-D, Chapter D, Detailed Population Characteristics—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and cross-classified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

PC80-2, Volume 2, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

PC80-S1, Supplementary Reports—These reports present special compilations of

1980 census statistics dealing with specific population subjects.

Housing Census Reports

HC80-1, Volume 1, Characteristics of Housing Units—This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area, chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

HC80-1-A, Chapter A, General Housing Characteristics—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

HC80-1-B, Chapter B, Detailed Housing Characteristics—Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

HC80-2, Volume 2, Metropolitan Housing Characteristics—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and cross-classification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

HC80-3, Volume 3, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

HC80-4, Volume 4, Components of Inventory Change—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified)

with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

HC80-5, Volume 5, Residential Finance—This volume consists of one report presenting statistics on the financing of non-farm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by inside and outside SMSA's and by central cities.

HC80-S1-1, Supplementary Reports—These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

Evaluation and Reference Reports

PHC80-E, Evaluation and Research Reports—These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

PHC80-R, Reference Reports—These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

PHC80-R1, Users' Guide—This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in loose-leaf form and sold in parts (R1-A, B, etc.) as they are printed.

PHC80-R2, History—This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses.

PHC80-R3, Alphabetical Index of Industries and Occupations—This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

PHC80-R4, Classified Index of Industries and Occupations—This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

PHC80-R5, Geographic Identification Code Scheme—This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSEA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

COMPUTER TAPES

Summary Tape Files

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers

to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the detail of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific file and in the PHC80-R1, *Users' Guide*.

STF 1—This STF provides 321 cells of complete-count population and housing data. Data are summarized for the United States, regions, divisions, States, SCSEA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the PHC80-1, PHC80-3 (complete-count), and PC80-1-A reports.

STF 2—This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSEA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the PHC80-2 (complete-count), PC80-1-B, and HC80-1-A reports.

STF 3—This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the PHC80-3 (sample) reports.

STF 4—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 8,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

STF 5—This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

Other Computer Tape Files

P.L. 94-171, Population Counts—In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

Master Area Reference Files 1 and 2 (MARF)

MARF 1—This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

MARF 2—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

Geographic Base File/Dual Independent Map Encoding (GBF/DIME)—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

Public-Use Microdata Samples—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the

B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

Census/EEO Special File—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

MAPS

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-of-reproduction basis.

MICROFICHE

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

STF 1 Microfiche—Data from STF 1 are presented in tabular form for all the STF 1 geographic levels described previously, except blocks.

STF 3 Microfiche—Data from STF 3 are presented in tabular form for all the STF 3 geographic levels.

P.L. 94-171 Counts Microfiche—The data from the P.L. 94-171 computer file are presented in a listing format.

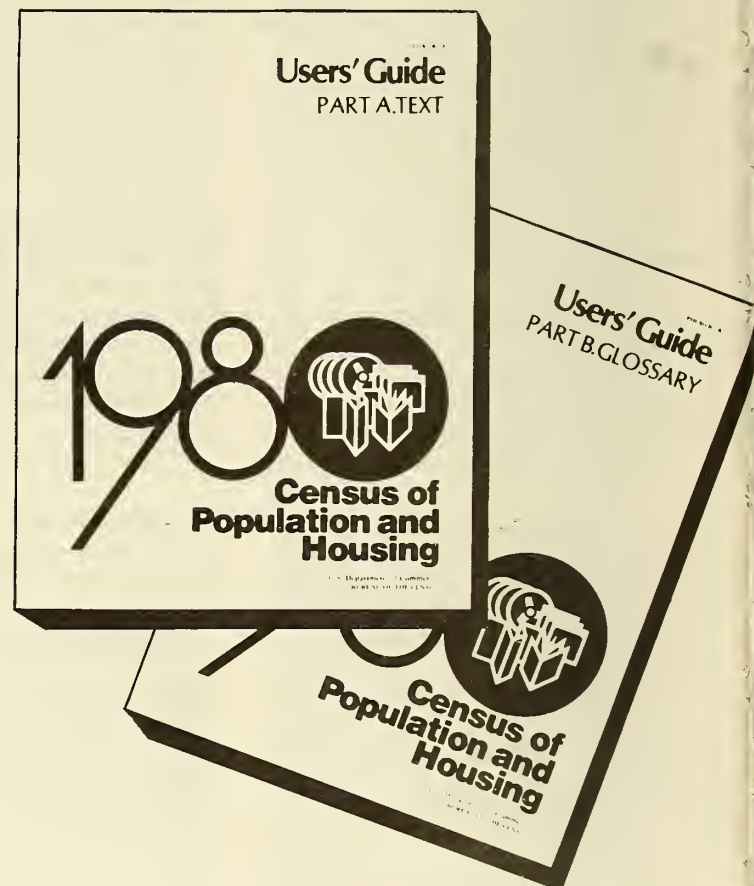
1980 Census of Population and Housing

Users' Guide

The **Users' Guide**, a reference work on the 1980 census, is now available. It consists of:

- **Part A. Text**—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
- **Part B. Glossary**—Provides detailed definitions of population, housing, geographic, and technical terms associated with the census—especially important for people using 1980 data on tape or microfiche.
- **Sources of Assistance**—Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.
- **Updates**—Provide information on new developments relating to the 1980 census. Each update is keyed to the particular point in "Part A. Text" that needs revision.

Part C, a table finder, and Part D, a guide to tape contents, are planned for publication later.



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Part A. Text (S/N 003-024-03625-8)—\$5.50. Supplement 1 (S/N 003-024-05004-8)—\$6.00 (includes Part B. Glossary, Sources of Assistance, and Updates)

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